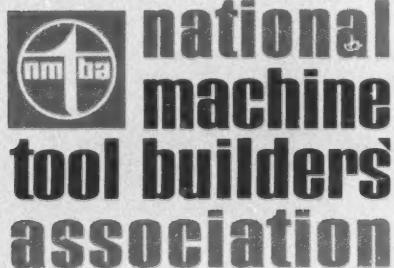


November 23, 1982

press release

Contact:

Charles Pollock



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TWX: 710-831-0031 NMTBA MCLN

FOR RELEASE A.M. MONDAY, NOVEMBER 29, 1982

McLean, VA - November 29, 1982 --
Machine tool net new orders for the month of October rose 37% above the previous month's level to a total of \$119,200,000. However, orders were off 45% from last year, according to data released today by the National Machine Tool Builders' Association. During October, cancellations declined from September's \$26,950,000 to \$18,550,000.

"We are reasonably encouraged by these developments," remarked James A. Gray, President of the National Machine Tool Builders' Association. "Recent indications of corporate profits stabilizing and increasing confidence in the manufacturing sector seem to be reflected in these statistics."

Gray also pointed to the success of the recent International Machine Tool Show, sponsored by the Association, as a contributing factor in the October order increase. "IMTS-82 seems to have made its impact on some of our customers," Gray said. "Let's hope it sets a new trend."

(over)

BEST AVAILABLE COPY

October new orders for metal-cutting machine tools increased 39% for a total of \$72,850,000 while metal-forming machine tool orders rose to \$46,350,000 -- up 35% from September. However, when compared to October of 1981, orders for metal-cutting machine tools were off 54% and metal-forming machine tool orders were down 22%.

Shipments in both product categories experienced declines. Total shipments for the month of October were down 27% at \$200,700,000 compared to September's total of \$275,850,000, and off 51% from last year. For metal-cutting machine tools, shipments decreased 55% compared to last October, while metal-forming machine tool shipments declined 31% from the same period last year.

The machine tool industry's backlog also decreased in October to \$1,442,100,000.

§ § § § §

COMPARISON CHART

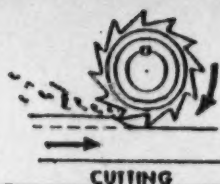
NET NEW ORDERS -- MACHINE TOOLS (Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Oct. 1982	59,100	13,750	72,850	42,550	3,800	46,350	101,650	17,550	119,200
Sept. 1982	47,200	5,400	52,600	30,200	4,100	34,300	77,400	9,500	86,900
% Change									
Oct.1982:Sept.1982	+25.2	+154.6	+38.5	+40.9	-7.3	+35.1	+31.3	+84.7	+37.2
Oct. 1981	145,800	11,300	157,100	50,200	9,200	59,400	196,000	20,500	216,500
% Change									
Oct.1982:Oct.1981	-59.5	+21.7	-53.6	-15.2	-58.7	-22.0	-48.1	-14.4	-44.9
Year To Date 1982	757,950	157,950	915,900	316,350	56,350	372,700	1,074,300	214,300	1,288,600
Year To Date 1981	1,729,100	251,050	1,980,150	531,100	86,050	617,150	2,260,200	337,100	2,597,300
% Change									
1982 : 1981	-56.2	-37.1	-53.7	-40.4	-34.5	-39.6	-52.5	-36.4	-50.4

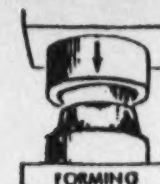
SHIPMENTS -- MACHINE TOOLS (Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Oct. 1982	132,300	18,300	150,600	42,250	7,850	50,100	174,550	26,150	200,700
Sept. 1982	192,650	31,750	224,400	45,950	5,500	51,450	238,600	37,250	275,850
% Change									
Oct.1982:Sept.1982	-31.3	-42.4	-32.9	-8.1	+42.7	-2.6	-26.8	-29.8	-27.2
Oct. 1981	305,700	28,900	334,600	60,250	12,050	72,300	365,950	40,950	406,900
% Change									
Oct.1982:Oct.1981	-56.7	-36.7	-55.0	-29.9	-34.9	-30.7	-52.3	-36.1	-50.7
Year To Date 1982	2,279,600	255,150	2,534,750	524,550	87,450	612,000	2,804,150	342,600	3,146,750
Year To Date 1981	2,906,250	469,900	3,376,150	674,250	146,150	820,400	3,580,500	616,050	4,196,550
% Change									
1982 : 1981	-21.6	-45.7	-24.9	-22.2	-40.2	-25.4	-21.7	-44.4	-25.0

Source: National Machine Tool Builders' Association



**TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING**
New Orders, Cancellations, Shipments and Backlog



DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1982							
Jan.	\$ 166,150,000	\$ 39,050,000	\$ 205,200,000	3,121.90	\$ 334,100,000	\$ 49,450,000	\$ 383,550,000
Feb.	149,200,000	14,600,000	163,800,000	2,926.10	331,250,000	28,350,000	359,600,000
Mar.	116,950,000	20,850,000	137,800,000	2,652.95	376,200,000	34,850,000	411,050,000
Apr.	137,500,000	13,300,000	150,800,000	2,500.20	272,900,000	32,550,000	303,450,000
May	81,150,000	24,800,000	105,950,000	2,310.30	269,050,000	26,800,000	295,850,000
June	84,400,000	41,500,000	125,900,000	2,027.05	371,900,000	37,250,000	409,150,000
July	87,950,000	18,600,000	106,550,000	1,883.25	214,400,000	35,950,000	250,350,000
Aug.	71,950,000	14,550,000	86,500,000	1,712.55	223,200,000	34,000,000	257,200,000
Sept.	77,400,000	9,500,000	86,900,000	1,523.60	238,600,000	37,250,000	275,850,000
Oct. (p)	101,650,000	17,550,000	119,200,000	1,442.10	174,550,000	26,150,000	200,700,000
10 mos.	\$1,074,300,000	\$ 214,300,000	\$1,288,600,000		\$2,804,150,000	\$ 342,600,000	\$3,146,750,000

DATE	GROSS NEW ORDERS				CANCELLATIONS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1982							
Jan.	\$ 198,900,000	\$ 39,800,000	\$ 238,700,000		\$ 32,750,000	\$ 750,000	\$ 33,500,000
Feb.	175,200,000	17,200,000	192,400,000		26,000,000	2,600,000	28,600,000
Mar.	183,050,000	24,450,000	207,500,000		66,100,000	3,600,000	69,700,000
Apr.	186,500,000	16,650,000	203,150,000		49,000,000	3,350,000	52,350,000
May	120,400,000	27,200,000	147,600,000		39,250,000	2,400,000	41,650,000
June	123,950,000	44,650,000	168,600,000		39,550,000	3,150,000	42,700,000
July	122,600,000	20,650,000	143,250,000		34,650,000	2,050,000	36,700,000
Aug.	99,150,000	16,650,000	115,800,000		27,200,000	2,100,000	29,300,000
Sept.	101,950,000	11,900,000	113,850,000		24,550,000	2,400,000	26,950,000
Oct. (p)	117,600,000	20,150,000	137,750,000		15,950,000	2,600,000	18,550,000
10 mos.	\$1,429,300,000	\$ 239,300,000	\$1,668,600,000		\$ 355,000,000	\$ 25,000,000	\$ 380,000,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



**INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS**
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1982							
Jan.	\$ 124,900,000	\$ 31,050,000	\$ 155,950,000	2,722.10	\$ 284,500,000	\$ 22,650,000	\$ 307,150,000
Feb.	113,300,000	9,850,000	123,150,000	2,552.10	273,750,000	19,400,000	293,150,000
Mar.	90,200,000	15,550,000	105,750,000	2,325.10	303,050,000	29,700,000	332,750,000
Apr.	107,550,000	7,550,000	115,100,000	2,200.75	214,600,000	24,850,000	239,450,000
May	53,750,000	14,250,000	68,000,000	2,022.15	224,150,000	22,450,000	246,600,000
June	55,150,000	36,500,000	91,650,000	1,789.20	296,550,000	28,050,000	324,600,000
July	57,550,000	12,850,000	70,400,000	1,656.05	173,750,000	29,800,000	203,550,000
Aug.	49,250,000	11,200,000	60,450,000	1,504.00	184,300,000	28,200,000	212,500,000
Sept.	47,200,000	5,400,000	52,600,000	1,332.20	192,650,000	31,750,000	224,400,000
Oct. (p)	59,100,000	13,750,000	72,850,000	1,254.45	132,300,000	18,300,000	150,600,000
10 mos.	\$ 757,950,000	\$ 157,950,000	\$ 915,900,000		\$2,279,600,000	\$255,150,000	\$2,534,750,000

DATE	GROSS NEW ORDERS			CANCELLATIONS		
	Domestic	Foreign	Total	Domestic	Foreign	Total
1982						
Jan.	\$ 153,550,000	\$ 31,700,000	\$ 185,250,000	\$ 28,650,000	\$ 650,000	\$ 29,300,000
Feb.	137,600,000	12,400,000	150,000,000	24,300,000	2,550,000	26,850,000
Mar.	152,800,000	18,200,000	171,000,000	62,600,000	2,650,000	65,250,000
Apr.	153,100,000	9,600,000	162,700,000	45,550,000	2,050,000	47,600,000
May	89,750,000	15,400,000	105,150,000	36,000,000	1,150,000	37,150,000
June	92,550,000	38,850,000	131,400,000	37,400,000	2,350,000	39,750,000
July	91,300,000	14,850,000	106,150,000	33,750,000	2,000,000	35,750,000
Aug.	73,750,000	12,800,000	86,550,000	24,500,000	1,600,000	26,100,000
Sept.	70,900,000	7,300,000	78,200,000	23,700,000	1,900,000	25,600,000
Oct. (p)	72,550,000	16,150,000	88,700,000	13,450,000	2,400,000	15,850,000
10 mos.	\$1,087,850,000	\$ 177,250,000	\$1,265,100,000	\$ 329,900,000	\$ 19,300,000	\$ 349,200,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
 New Orders, Cancellations, Shipments and Backlog



DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1982							
Jan.	\$ 41,250,000	\$ 8,000,000	\$ 49,250,000	399.80	\$ 49,600,000	\$ 26,800,000	\$ 76,400,000
Feb.	35,900,000	4,750,000	40,650,000	374.00	57,500,000	8,950,000	66,450,000
Mar.	26,750,000	5,300,000	32,050,000	327.75	73,150,000	5,150,000	78,300,000
Apr.	29,950,000	5,750,000	35,700,000	299.45	56,300,000	7,700,000	64,000,000
May	27,400,000	10,550,000	37,950,000	288.15	44,900,000	4,350,000	49,250,000
June	29,250,000	5,000,000	34,250,000	237.85	75,350,000	9,200,000	84,550,000
July	30,400,000	5,750,000	36,150,000	227.20	40,650,000	6,150,000	46,800,000
Aug.	22,700,000	3,350,000	26,050,000	208.55	38,900,000	5,800,000	44,700,000
Sept.	30,200,000	4,100,000	34,300,000	191.40	45,950,000	5,500,000	51,450,000
Oct. (p)	42,550,000	3,800,000	46,350,000	187.65	42,250,000	7,850,000	50,100,000
10 mos.	\$ 316,350,000	\$ 56,350,000	\$ 372,700,000		\$ 524,550,000	\$ 87,450,000	\$ 612,000,000

DATE	GROSS NEW ORDERS			CANCELLATIONS		
	Domestic	Foreign	Total	Domestic	Foreign	Total
1982						
Jan.	\$ 45,350,000	\$ 8,100,000	\$ 53,450,000	\$ 4,100,000	\$ 100,000	\$ 4,200,000
Feb.	37,600,000	4,800,000	42,400,000	1,700,000	50,000	1,750,000
Mar.	30,250,000	6,250,000	36,500,000	3,500,000	950,000	4,450,000
Apr.	33,400,000	7,050,000	40,450,000	3,450,000	1,300,000	4,750,000
May	30,650,000	11,800,000	42,450,000	3,250,000	1,250,000	4,500,000
June	31,400,000	5,800,000	37,200,000	2,150,000	800,000	2,950,000
July	31,300,000	5,800,000	37,100,000	900,000	50,000	950,000
Aug.	25,400,000	3,850,000	29,250,000	2,700,000	500,000	3,200,000
Sept.	31,050,000	4,600,000	35,650,000	850,000	500,000	1,350,000
Oct. (p)	45,050,000	4,000,000	49,050,000	2,500,000	200,000	2,700,000
10 mos.	\$ 341,450,000	\$ 62,050,000	\$ 403,500,000	\$ 25,100,000	\$ 5,700,000	\$ 30,800,000

P - Preliminary

N.M.T.B.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

A8050-1 12/27/82

FOR RELEASE A.M. MONDAY, DECEMBER 27, 1982

McLean, VA, Dec. 27 -- Following October's growth, net new orders for U.S. produced machine tools fell to \$88.2 million in November, down 26% for the month and 55% compared to November 1981.

At \$193.5 million, November's shipments of new machine tools were the lowest monthly rate recorded since October 1977. The National Machine Tool Builders' Association, located in McLean, Virginia, reported that while shipments were off only 4% from October, they were down almost 53% from the same month one year ago.

NMTBA President, James A. Gray noted, "While the recession has affected most sectors of the economy, U.S. machine tool builders are especially hard hit. With order levels as low as they are and with shipments and our backlog dropping each month, 1983 will be a difficult year for most U.S. machine tool producers."

November orders for metal-cutting machine tools were \$62,750,000--off 14% from October and 54% from last year. Metal-cutting shipments rose a slight 3.4% in November to \$155,700,000.

(over)



**national
machine
tool builders'
association**

7901 WESTPARK DRIVE
MCLEAN, VIRGINIA 22102
AREA CODE (703) 893-2900
TWX: 710-831-0031 NMTBA MCLN

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Metal-forming orders fell 45% in November to \$25,450,000 and shipments fell 25% to \$37,800,000.

The attached tables detail both sectors of the industry showing orders, shipments and cancellations by source--U.S. or foreign. The Comparison Chart provides data for last month, last year and the year-to-date totals through November.

#

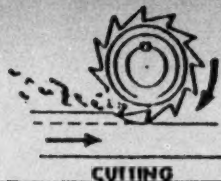
COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS (Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Nov. 1982	47,450	15,300	62,750	21,900	3,550	25,450	69,350	18,850	88,200
Oct. 1982	59,100	13,750	72,850	42,550	3,800	46,350	101,650	17,550	119,200
% Change Nov.1982:Oct.1982	-19.7	+11.3	-13.9	-48.5	-6.6	-45.1	-31.8	+7.4	-26.0
November 1981	115,650	19,750	135,400	52,850	7,500	60,350	168,500	27,250	195,750
% Change Nov.1982:Nov.1981	-59.0	-22.5	-53.7	-58.6	-52.7	-57.8	-58.8	-30.8	-54.9
Year To Date 1982	805,400	173,250	978,650	338,250	59,900	398,150	1,143,650	233,150	1,376,800
Year To Date 1981	1,844,750	270,800	2,115,550	583,950	93,550	677,500	2,428,700	364,350	2,793,050
% Change 1982 : 1981	-56.3	-36.0	-53.7	-42.1	-36.0	-41.2	-52.9	-36.0	-50.7

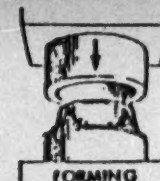
SHIPMENTS -- MACHINE TOOLS (Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Nov. 1982	134,800	20,900	155,700	33,700	4,100	37,800	168,500	25,000	193,500
Oct. 1982	132,300	18,300	150,600	42,250	7,850	50,100	174,550	26,150	200,700
% Change Nov.1982:Oct.1982	+1.9	+14.2	+3.4	-20.2	-47.8	-24.6	-3.5	-4.4	-3.6
November 1981	287,350	42,400	329,750	70,000	8,400	78,400	357,350	50,800	408,150
% Change Nov.1982:Nov.1981	-53.1	-50.7	-52.8	-51.9	-51.2	-51.8	-52.8	-50.8	-52.6
Year To Date 1982	2,414,400	276,050	2,690,450	558,250	91,550	649,800	2,972,650	367,600	3,340,250
Year To Date 1981	3,193,600	512,300	3,705,900	744,250	154,550	898,800	3,937,850	666,850	4,604,700
% Change 1982 : 1981	-24.4	-46.1	-27.4	-25.0	-40.8	-27.7	-24.5	-44.9	-27.5



CUTTING

**TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING**
New Orders, Cancellations, Shipments and Backlog



FORMING

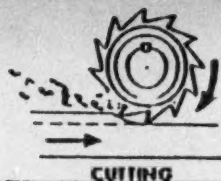
DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1982							
Jan.	\$ 166,150,000	\$ 39,050,000	\$ 205,200,000	3,121.90	\$ 334,100,000	\$ 49,450,000	\$ 383,550,000
Feb.	149,200,000	14,600,000	163,800,000	2,926.10	331,250,000	28,350,000	359,600,000
Mar.	116,950,000	20,850,000	137,800,000	2,652.85	376,200,000	34,850,000	411,050,000
Apr.	137,500,000	13,300,000	150,800,000	2,500.20	270,900,000	32,550,000	303,450,000
May	81,150,000	24,800,000	105,950,000	2,310.30	269,050,000	26,800,000	295,850,000
June	84,400,000	41,500,000	125,900,000	2,027.05	371,900,000	37,250,000	409,150,000
July	87,950,000	18,600,000	106,550,000	1,883.25	214,400,000	35,950,000	250,350,000
Aug.	71,950,000	14,550,000	86,500,000	1,712.55	223,200,000	34,000,000	257,200,000
Sept.	77,400,000	9,500,000	86,900,000	1,523.60	238,600,000	37,250,000	275,850,000
Oct.	101,650,000	17,550,000	119,200,000	1,442.10	174,550,000	26,150,000	200,700,000
Nov. (p)	69,350,000	18,850,000	88,200,000	1,336.80	168,500,000	25,000,000	193,500,000
11 mos.	\$1,143,650,000	\$ 233,150,000	\$1,376,800,000		\$2,972,650,000	\$ 367,600,000	\$3,340,250,000

DATE	GROSS NEW ORDERS			CANCELLATIONS		
	Domestic	Foreign	Total	Domestic	Foreign	Total
1982						
Jan.	\$ 198,900,000	\$ 39,800,000	\$ 238,700,000	\$ 32,750,000	\$ 750,000	\$ 33,500,000
Feb.	175,200,000	17,200,000	192,400,000	26,000,000	2,600,000	28,600,000
Mar.	183,050,000	24,450,000	207,500,000	66,100,000	3,600,000	69,700,000
Apr.	186,500,000	16,650,000	203,150,000	49,000,000	3,350,000	52,350,000
May	120,400,000	27,200,000	147,600,000	39,250,000	2,400,000	41,650,000
June	123,950,000	44,650,000	168,600,000	39,550,000	3,150,000	42,700,000
July	122,600,000	20,650,000	143,250,000	34,650,000	2,050,000	36,700,000
Aug.	99,150,000	16,650,000	115,800,000	27,200,000	2,100,000	29,300,000
Sept.	101,950,000	11,900,000	113,850,000	24,550,000	2,400,000	26,950,000
Oct.	117,600,000	20,150,000	137,750,000	15,950,000	2,600,000	18,550,000
Nov. (p)	93,200,000	22,250,000	115,450,000	23,850,000	3,400,000	27,250,000
11 mos.	\$1,522,500,000	\$ 261,550,000	\$1,784,050,000	\$ 378,850,000	\$ 28,400,000	\$ 407,250,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



**INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS**
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1982							
Jan.	\$ 124,900,000	\$ 31,050,000	\$ 155,950,000	2,722.10	\$ 284,500,000	\$ 22,650,000	\$ 307,150,000
Feb.	113,300,000	9,850,000	123,150,000	2,552.10	273,750,000	19,400,000	293,150,000
Mar.	90,200,000	15,550,000	105,750,000	2,325.10	303,050,000	29,700,000	332,750,000
Apr.	107,550,000	7,550,000	115,100,000	2,200.75	214,600,000	24,850,000	239,450,000
May	53,750,000	14,250,000	68,000,000	2,022.15	224,150,000	22,450,000	246,600,000
June	55,150,000	36,500,000	91,650,000	1,789.20	296,550,000	28,050,000	324,600,000
July	57,550,000	12,850,000	70,400,000	1,656.05	173,750,000	29,800,000	203,550,000
Aug.	49,250,000	11,200,000	60,450,000	1,504.00	184,300,000	28,200,000	212,500,000
Sept.	47,200,000	5,400,000	52,600,000	1,332.20	192,650,000	31,750,000	224,400,000
Oct.	59,100,000	13,750,000	72,850,000	1,254.45	132,300,000	18,300,000	150,600,000
Nov. (p)	47,450,000	15,300,000	62,750,000	1,161.50	134,800,000	20,900,000	155,700,000
11 mos.	\$ 805,400,000	\$ 173,250,000	\$ 978,650,000		\$2,414,400,000	\$276,050,000	\$2,690,450,000

DATE	GROSS NEW ORDERS				CANCELLATIONS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1982							
Jan.	\$ 153,550,000	\$ 31,700,000	\$ 185,250,000		\$ 28,650,000	\$ 650,000	\$ 29,300,000
Feb.	137,600,000	12,400,000	150,000,000		24,300,000	2,550,000	26,850,000
Mar.	152,800,000	18,200,000	171,000,000		62,600,000	2,650,000	65,250,000
Apr.	153,100,000	9,600,000	162,700,000		45,550,000	2,050,000	47,600,000
May	89,750,000	15,400,000	105,150,000		36,000,000	1,150,000	37,150,000
June	92,550,000	38,850,000	131,400,000		37,400,000	2,350,000	39,750,000
July	91,300,000	14,850,000	106,150,000		33,750,000	2,000,000	35,750,000
Aug.	73,750,000	12,800,000	86,550,000		24,500,000	1,600,000	26,100,000
Sept.	70,900,000	7,300,000	78,200,000		23,700,000	1,900,000	25,600,000
Oct.	72,550,000	16,150,000	88,700,000		13,450,000	2,400,000	15,850,000
Nov. (p)	69,700,000	17,750,000	87,450,000		22,250,000	2,450,000	24,700,000
11 mos.	\$1,157,550,000	\$ 195,000,000	\$1,352,550,000		\$ 352,150,000	\$ 21,750,000	\$ 373,900,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
 New Orders, Cancellations, Shipments and Backlog



DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1982							
Jan.	\$ 41,250,000	\$ 8,000,000	\$ 49,250,000	399.80	\$ 49,600,000	\$ 26,800,000	\$ 76,400,000
Feb.	35,900,000	4,750,000	40,650,000	374.00	57,500,000	8,950,000	66,450,000
Mar.	26,750,000	5,300,000	32,050,000	327.75	73,150,000	5,150,000	78,300,000
Apr.	29,950,000	5,750,000	35,700,000	299.45	56,300,000	7,700,000	64,000,000
May	27,400,000	10,550,000	37,950,000	288.15	44,900,000	4,350,000	49,250,000
June	29,250,000	5,000,000	34,250,000	237.85	75,350,000	9,200,000	84,550,000
July	30,400,000	5,750,000	36,150,000	227.20	40,650,000	6,150,000	46,800,000
Aug.	22,700,000	3,350,000	26,050,000	208.55	38,900,000	5,800,000	44,700,000
Sept.	30,200,000	4,100,000	34,300,000	191.40	45,950,000	5,500,000	51,450,000
Oct.	42,550,000	3,800,000	46,350,000	187.65	42,250,000	7,850,000	50,100,000
Nov. (p)	21,900,000	3,550,000	25,450,000	175.30	33,700,000	4,100,000	37,800,000
11 mos.	\$ 338,250,000	\$ 59,900,000	\$ 398,150,000		\$ 558,250,000	\$ 91,550,000	\$ 649,800,000

DATE	GROSS NEW ORDERS				CANCELLATIONS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1982							
Jan.	\$ 45,350,000	\$ 8,100,000	\$ 53,450,000		\$ 4,100,000	\$ 100,000	\$ 4,200,000
Feb.	37,600,000	4,800,000	42,400,000		1,700,000	50,000	1,750,000
Mar.	30,250,000	6,250,000	36,500,000		3,500,000	950,000	4,450,000
Apr.	33,400,000	7,050,000	40,450,000		3,450,000	1,300,000	4,750,000
May	30,650,000	11,800,000	42,450,000		3,250,000	1,250,000	4,500,000
June	31,400,000	5,800,000	37,200,000		2,150,000	800,000	2,950,000
July	31,300,000	5,800,000	37,100,000		900,000	50,000	950,000
Aug.	25,400,000	3,850,000	29,250,000		2,700,000	500,000	3,200,000
Sept.	31,050,000	4,600,000	35,650,000		850,000	500,000	1,350,000
Oct.	45,050,000	4,000,000	49,050,000		2,500,000	200,000	2,700,000
Nov. (p)	23,500,000	4,500,000	28,000,000		1,600,000	950,000	2,550,000
11 mos.	\$ 364,950,000	\$ 66,550,000	\$ 431,500,000		\$ 26,700,000	\$ 6,650,000	\$ 33,350,000

P - Preliminary

N.M.T.B.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

A8050-1 1/31/83

January 25, 1983

press release

Contact:

Charles Pollock

FOR RELEASE A.M. MONDAY, JANUARY 31, 1983

McLean, VA, Jan. 31, 1983 -- The American machine tool industry will close its books for 1982 with orders off almost 50% from 1981 levels. According to data released today by the National Machine Tool Builders' Association, total net new orders of metal-cutting and metal-forming tools decreased 49% for the twelve-month period ending December 31. Orders for the year were the lowest since 1975, reaching \$1,498,550,000 compared to \$2,944,850,000 in 1981.

Industry shipments were off 29% at \$3,607,200,000, marking the first decrease in shipments in six years.

"It's a very alarming situation," commented NMTBA President, James A. Gray. "Our industry is being squeezed by a massive and unabated foreign intrusion on one side and a stagnant domestic economy on the other."

Gray pointed to the industry's drastic reduction in order backlog as another discouraging sign. "These extremely low backlog levels are bound to have a negative impact on 1983 shipments," Gray emphasized.

(over)

 **national
machine
tool builders'
association**

7901 WESTPARK DRIVE
MCLEAN, VIRGINIA 22102
AREA CODE (703) 893-2900
TWX: 710-831-0031 NMTBA MCLN

BEST AVAILABLE COPY

Machine tool orders for December 1982 increased 38% from the previous month, at a level of \$121,750,000. Shipments for the month also registered a 38% rise compared to November of 1982. Total shipments for December were at \$266,950,000.

In the metal-cutting machine tool category for December, shipments rose 33% to \$207,100,000. Metal-cutting machine tool shipments for the year totaled \$2,897,550,000 down 29% from 1981. Metal-cutting orders were up 38% for the month at \$86,600,000, but down 52% for the year at \$1,065,250,000.

December's metal-forming machine tool shipments increased 58% from the previous month at \$59,850,000, but were down for the year by 28% at \$709,650,000. Orders in the metal-forming category were up 38% at \$35,150,000 for December, but slid 40% in 1982 for a total of \$433,300,000.

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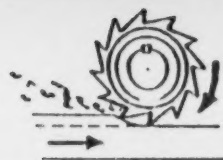
COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS (Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Dec. 1982	85,000	1,600	86,600	33,500	1,650	35,150	118,500	3,250	121,750
Nov. 1982	47,450	15,300	62,750	21,900	3,550	25,450	69,350	18,850	88,200
% Change									
Dec.1982:Nov.1982	+79.1	-89.5	+38.0	+53.0	-53.5	+38.1	+70.9	-82.8	+38.0
December 1981	101,050	11,500	112,550	32,900	6,350	39,250	133,950	17,850	151,800
% Change									
Dec.1982:Dec.1981	-15.9	-86.1	-23.1	+1.8	-74.0	-10.4	-11.5	-81.8	-19.8
Year To Date 1982	890,400	174,850	1,065,250	371,750	61,550	433,300	1,262,150	236,400	1,498,550
Year To Date 1981	1,945,800	282,300	2,228,100	616,850	99,900	716,750	2,562,650	382,200	2,944,850
% Change									
1982 : 1981	-54.2	-38.1	-52.2	-39.7	-38.4	-39.5	-50.7	-38.1	-49.1

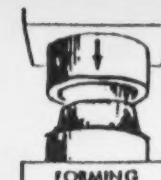
SHIPMENTS -- MACHINE TOOLS (Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Dec. 1982	187,150	19,950	207,100	41,500	18,350	59,850	228,650	38,300	266,950
Nov. 1982	134,800	20,900	155,700	33,700	4,100	37,800	168,500	25,000	193,500
% Change									
Dec.1982:Nov.1982	+38.8	-4.5	+33.0	+23.1	+347.6	+58.3	+35.7	+53.2	+38.0
December 1981	358,850	39,750	398,600	79,950	12,350	92,300	438,800	52,100	490,900
% Change									
Dec.1982:Dec.1981	-47.8	-49.8	-48.0	-48.1	+48.6	-35.2	-47.9	-26.5	-45.6
Year To Date 1982	2,601,550	296,000	2,897,550	599,750	109,900	709,650	3,201,300	405,900	3,607,200
Year To Date 1981	3,552,450	552,050	4,104,500	824,200	166,900	991,100	4,376,650	718,950	5,095,600
% Change									
1982 : 1981	-26.8	-46.4	-29.4	-27.2	-34.2	-28.4	-26.9	-43.5	-29.2



CUTTING

TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog



FORMING

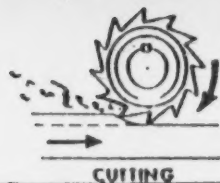
DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1982							
Jan.	\$ 166,150,000	\$ 39,050,000	\$ 205,200,000	3,121.90	\$ 334,100,000	\$ 49,450,000	\$ 383,550,000
Feb.	149,200,000	14,600,000	163,800,000	2,926.10	331,250,000	28,350,000	359,600,000
Mar.	116,950,000	20,850,000	137,800,000	2,652.85	376,200,000	34,850,000	411,050,000
Apr.	137,500,000	13,300,000	150,800,000	2,500.20	270,900,000	32,550,000	303,450,000
May	81,150,000	24,800,000	105,950,000	2,310.30	269,050,000	26,800,000	295,850,000
June	84,400,000	41,500,000	125,900,000	2,027.05	371,900,000	37,250,000	409,150,000
July	87,950,000	18,600,000	106,550,000	1,883.25	214,400,000	35,950,000	250,350,000
Aug.	71,950,000	14,550,000	86,500,000	1,712.55	223,200,000	34,000,000	257,200,000
Sept.	77,400,000	9,500,000	86,900,000	1,523.60	238,600,000	37,250,000	275,850,000
Oct.	101,650,000	17,550,000	119,200,000	1,442.10	174,550,000	26,150,000	200,700,000
Nov.	69,350,000	18,850,000	88,200,000	1,336.80	168,500,000	25,000,000	193,500,000
Dec. (P)	118,500,000	3,250,000	121,750,000	1,191.60	228,650,000	38,300,000	266,950,000
12 mos.	\$1,262,150,000	\$ 236,400,000	\$1,498,550,000		\$3,201,300,000	\$ 405,900,000	\$3,607,200,000

DATE	GROSS NEW ORDERS			CANCELLATIONS		
	Domestic	Foreign	Total	Domestic	Foreign	Total
1982						
Jan.	\$ 198,900,000	\$ 39,800,000	\$ 238,700,000	\$ 32,750,000	\$ 750,000	\$ 33,500,000
Feb.	175,200,000	17,200,000	192,400,000	26,000,000	2,600,000	28,600,000
Mar.	183,050,000	24,450,000	207,500,000	66,100,000	3,600,000	69,700,000
Apr.	186,500,000	16,650,000	203,150,000	49,000,000	3,350,000	52,350,000
May	120,400,000	27,200,000	147,600,000	39,250,000	2,400,000	41,650,000
June	123,950,000	44,650,000	168,600,000	39,550,000	3,150,000	42,700,000
July	122,600,000	20,650,000	143,250,000	34,650,000	2,050,000	36,700,000
Aug.	99,150,000	16,650,000	115,800,000	27,200,000	2,100,000	29,300,000
Sept.	101,950,000	11,900,000	113,850,000	24,550,000	2,400,000	26,950,000
Oct.	117,600,000	20,150,000	137,750,000	15,950,000	2,600,000	18,550,000
Nov.	93,200,000	22,250,000	115,450,000	23,850,000	3,400,000	27,250,000
Dec. (P)	139,300,000	11,300,000	150,600,000	20,800,000	8,050,000	28,850,000
12 mos.	\$1,661,800,000	\$ 272,850,000	\$1,934,650,000	\$ 399,650,000	\$ 36,450,000	\$ 436,100,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



**INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS**
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1982							
Jan.	\$ 124,900,000	\$ 31,050,000	\$ 155,950,000	2,722.10	\$ 284,500,000	\$ 22,650,000	\$ 307,150,000
Feb.	113,300,000	9,850,000	123,150,000	2,552.10	273,750,000	19,400,000	293,150,000
Mar.	90,200,000	15,550,000	105,750,000	2,325.10	303,050,000	29,700,000	332,750,000
Apr.	107,550,000	7,550,000	115,100,000	2,200.75	214,600,000	24,850,000	239,450,000
May	53,750,000	14,250,000	68,000,000	2,022.15	224,150,000	22,450,000	246,600,000
June	55,150,000	36,500,000	91,650,000	1,789.20	296,550,000	28,050,000	324,600,000
July	57,550,000	12,850,000	70,400,000	1,656.05	173,750,000	29,800,000	203,550,000
Aug.	49,250,000	11,200,000	60,450,000	1,504.00	184,300,000	28,200,000	212,500,000
Sept.	47,200,000	5,400,000	52,600,000	1,332.20	192,650,000	31,750,000	224,400,000
Oct.	59,100,000	13,750,000	72,850,000	1,254.45	132,300,000	18,300,000	150,600,000
Nov.	47,450,000	15,300,000	62,750,000	1,161.50	134,800,000	20,900,000	155,700,000
Dec. (P)	85,000,000	1,600,000	86,600,000	1,041.00	187,150,000	19,950,000	207,100,000
12 mos.	\$ 890,400,000	\$ 174,850,000	\$1,065,250,000		\$2,601,550,000	\$296,000,000	\$2,897,550,000

DATE	GROSS NEW ORDERS			CANCELLATIONS		
	Domestic	Foreign	Total	Domestic	Foreign	Total
1982						
Jan.	\$ 153,550,000	\$ 31,700,000	\$ 185,250,000	\$ 28,650,000	\$ 650,000	\$ 29,300,000
Feb.	137,600,000	12,400,000	150,000,000	24,300,000	2,550,000	26,850,000
Mar.	152,800,000	18,200,000	171,000,000	62,600,000	2,650,000	65,250,000
Apr.	153,100,000	9,600,000	162,700,000	45,550,000	2,050,000	47,600,000
May	89,750,000	15,400,000	105,150,000	36,000,000	1,150,000	37,150,000
June	92,550,000	38,850,000	131,400,000	37,400,000	2,350,000	39,750,000
July	91,300,000	14,850,000	106,150,000	33,750,000	2,000,000	35,750,000
Aug.	73,750,000	12,800,000	86,550,000	24,500,000	1,600,000	26,100,000
Sept.	70,900,000	7,300,000	78,200,000	23,700,000	1,900,000	25,600,000
Oct.	72,550,000	16,150,000	88,700,000	13,450,000	2,400,000	15,850,000
Nov.	69,700,000	17,750,000	87,450,000	22,250,000	2,450,000	24,700,000
Dec. (P)	104,800,000	9,550,000	114,350,000	19,800,000	7,950,000	27,750,000
12 mos.	\$1,262,350,000	\$ 204,550,000	\$1,466,900,000	\$ 371,950,000	\$ 29,700,000	\$ 401,650,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog



DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
<u>1982</u>							
Jan.	\$ 41,250,000	\$ 8,000,000	\$ 49,250,000	399.80	\$ 49,600,000	\$ 26,800,000	\$ 76,400,000
Feb.	35,900,000	4,750,000	40,650,000	374.00	57,500,000	8,950,000	66,450,000
Mar.	26,750,000	5,300,000	32,050,000	327.75	73,150,000	5,150,000	78,300,000
Apr.	29,950,000	5,750,000	35,700,000	299.45	56,300,000	7,700,000	64,000,000
May	27,400,000	10,550,000	37,950,000	288.15	44,900,000	4,350,000	49,250,000
June	29,250,000	5,000,000	34,250,000	237.85	75,350,000	9,200,000	84,550,000
July	30,400,000	5,750,000	36,150,000	227.20	40,650,000	6,150,000	46,800,000
Aug.	22,700,000	3,350,000	26,050,000	208.55	38,900,000	5,800,000	44,700,000
Sept.	30,200,000	4,100,000	34,300,000	191.40	45,950,000	5,500,000	51,450,000
Oct.	42,550,000	3,800,000	46,350,000	187.65	42,250,000	7,850,000	50,100,000
Nov.	21,900,000	3,550,000	25,450,000	175.30	33,700,000	4,100,000	37,800,000
Dec. (P)	33,500,000	1,650,000	35,150,000	150.60	41,500,000	18,350,000	59,850,000
12 mos.	\$ 371,750,000	\$ 61,550,000	\$ 433,300,000		\$ 599,750,000	\$ 109,900,000	\$ 709,650,000

DATE	GROSS NEW ORDERS				CANCELLATIONS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
<u>1982</u>							
Jan.	\$ 45,350,000	\$ 8,100,000	\$ 53,450,000		\$ 4,100,000	\$ 100,000	\$ 4,200,000
Feb.	37,600,000	4,800,000	42,400,000		1,700,000	50,000	1,750,000
Mar.	30,250,000	6,250,000	36,500,000		3,500,000	950,000	4,450,000
Apr.	33,400,000	7,050,000	40,450,000		3,450,000	1,300,000	4,750,000
May	30,650,000	11,800,000	42,450,000		3,250,000	1,250,000	4,500,000
June	31,400,000	5,800,000	37,200,000		2,150,000	800,000	2,950,000
July	31,300,000	5,800,000	37,100,000		900,000	50,000	950,000
Aug.	25,400,000	3,850,000	29,250,000		2,700,000	500,000	3,200,000
Sept.	31,050,000	4,600,000	35,650,000		850,000	500,000	1,350,000
Oct.	45,050,000	4,000,000	49,050,000		2,500,000	200,000	2,700,000
Nov.	23,500,000	4,500,000	28,000,000		1,600,000	950,000	2,550,000
Dec. (P)	34,500,000	\$ 1,750,000	36,250,000		1,000,000	100,000	1,100,000
12 mos.	\$ 399,450,000	\$ 68,300,000	\$ 467,750,000		\$ 27,700,000	\$ 6,750,000	\$ 34,450,000

P - Preliminary

N.M.T.B.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

QUARTERLY AND YEARLY SHIPMENTS AND NET NEW ORDERS OF MACHINE TOOLS
(DOLLAR FIGURES IN THOUSANDS)
1977 TO DATE

CUTTING AND FORMING				CUTTING			FORMING		
DATE	SHIPMENTS		NET NEW ORDERS	SHIPMENTS		NET NEW ORDERS	SHIPMENTS		NET NEW ORDERS
	Total	Foreign		Total	Foreign		Total	Foreign	
1977-1	\$ 496,900	\$ 63,100	\$ 667,450	\$ 336,100	\$ 38,550	\$ 489,000	\$ 160,800	\$ 24,550	\$ 178,450
2	584,700	58,400	770,550	410,800	45,150	583,700	173,900	13,250	186,850
3	524,050	48,050	725,850	395,150	35,850	496,200	128,900	12,200	229,650
4	675,100	81,000	831,500	508,750	61,400	633,150	166,350	19,600	198,350
Total	\$2,280,750	\$250,550	\$2,995,350	\$1,650,800	\$180,950	\$2,202,050	\$ 629,950	\$ 69,600	\$ 793,300
1978-1	\$ 603,200	\$ 62,300	\$ 940,050	\$ 503,850	\$ 44,200	\$ 723,850	\$ 179,350	\$ 18,100	\$ 216,200
2	791,600	79,050	1,129,950	584,200	57,250	886,550	207,400	21,800	243,400
3	687,550	77,750	1,027,650	498,050	59,200	776,950	189,500	18,550	250,700
4	851,100	105,750	1,250,850	602,400	67,750	988,100	248,700	38,000	262,750
Total	\$3,013,450	\$324,850	\$4,348,500	\$2,188,500	\$228,400	\$3,375,450	\$ 824,950	\$ 96,450	\$ 973,050
1979-1	\$ 858,050	\$ 88,300	\$1,471,400	\$ 633,450	\$ 69,000	\$1,158,250	\$ 224,600	\$ 19,300	\$ 313,150
2	978,200	109,150	1,356,450	735,750	87,650	1,083,550	242,450	21,500	272,900
3	899,850	97,050	1,353,200	689,850	78,500	1,120,500	210,000	18,550	232,700
4	1,140,450	116,750	1,440,400	871,000	89,400	1,132,800	269,450	27,350	307,600
Total	\$3,876,550	\$411,250	\$5,621,450	\$2,930,050	\$324,550	\$4,495,100	\$ 946,500	\$ 86,700	\$1,126,350
1980-1	\$1,146,150	\$115,700	\$1,517,450	\$ 881,400	\$ 86,750	\$1,207,800	\$ 264,750	\$ 28,950	\$ 309,650
2	1,193,300	155,550	1,335,350	925,350	122,850	1,142,100	267,950	32,700	193,250
3	1,049,050	133,850	917,500	830,450	102,650	728,300	218,600	31,200	189,200
4	1,303,250	202,400	984,000	1,043,600	162,550	806,550	259,650	39,850	177,450
Total	\$4,691,750	\$607,500	\$4,754,300	\$3,680,800	\$474,800	\$3,884,750	\$1,010,950	\$ 132,700	\$ 869,550
1981-1	\$1,288,200	\$210,800	\$ 920,350	\$1,017,850	\$155,600	\$ 706,600	\$ 270,350	\$ 55,200	\$ 213,750
2	1,367,500	236,350	867,000	1,103,400	185,450	661,200	264,100	50,900	205,800
3	1,133,950	127,950	593,450	920,300	99,950	455,250	213,650	28,000	138,200
4	1,305,950	143,850	564,050	1,062,950	111,050	405,050	243,000	32,800	159,000
Total	\$5,095,600	\$718,950	\$2,944,850	\$4,104,500	\$552,050	\$2,228,100	\$ 991,100	\$ 166,900	\$ 716,750
1982-1	\$1,154,200	\$112,650	\$ 506,800	\$ 933,050	\$ 71,750	\$ 384,850	\$ 221,150	\$ 40,900	\$ 121,950
2	1,008,450	96,600	382,650	810,650	75,350	274,750	197,800	21,250	107,900
3	783,400	107,200	279,950	640,450	89,750	183,450	142,950	17,450	96,500
4P	661,150	89,450	329,150	513,400	59,150	222,200	147,750	30,300	106,950
Total	\$3,607,200	\$405,900	\$1,498,550	\$2,897,550	\$296,000	\$1,055,250	\$ 709,650	\$ 109,900	\$ 433,300

P - Preliminary

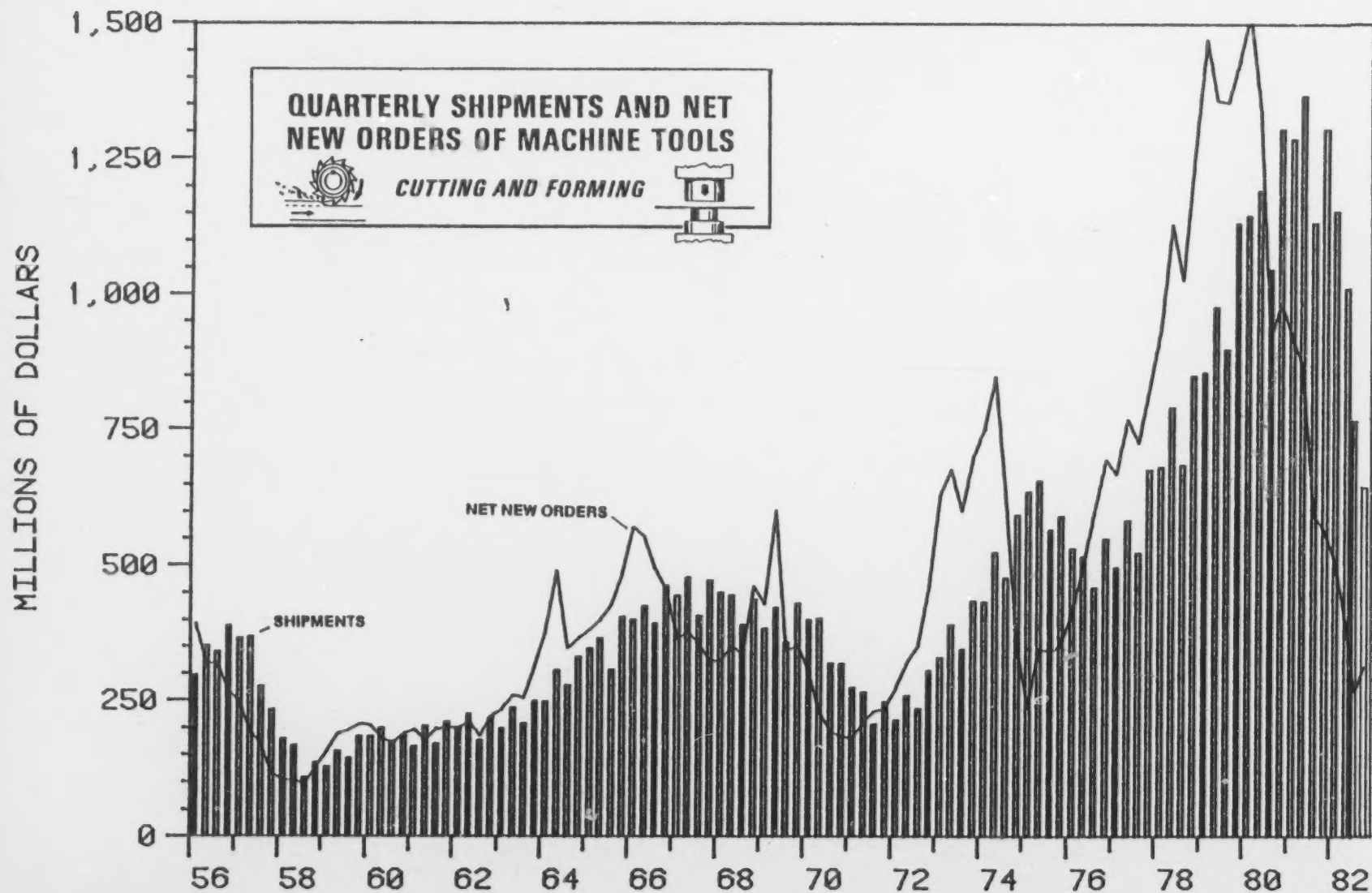
NOTE: These data series are available back to 1956. To obtain a copy of the tables for 1956 through 1981, contact:

NMTBA Statistical Department, 7901 Westpark Drive, McLean, Virginia 22102. Phone: 703:893-2900

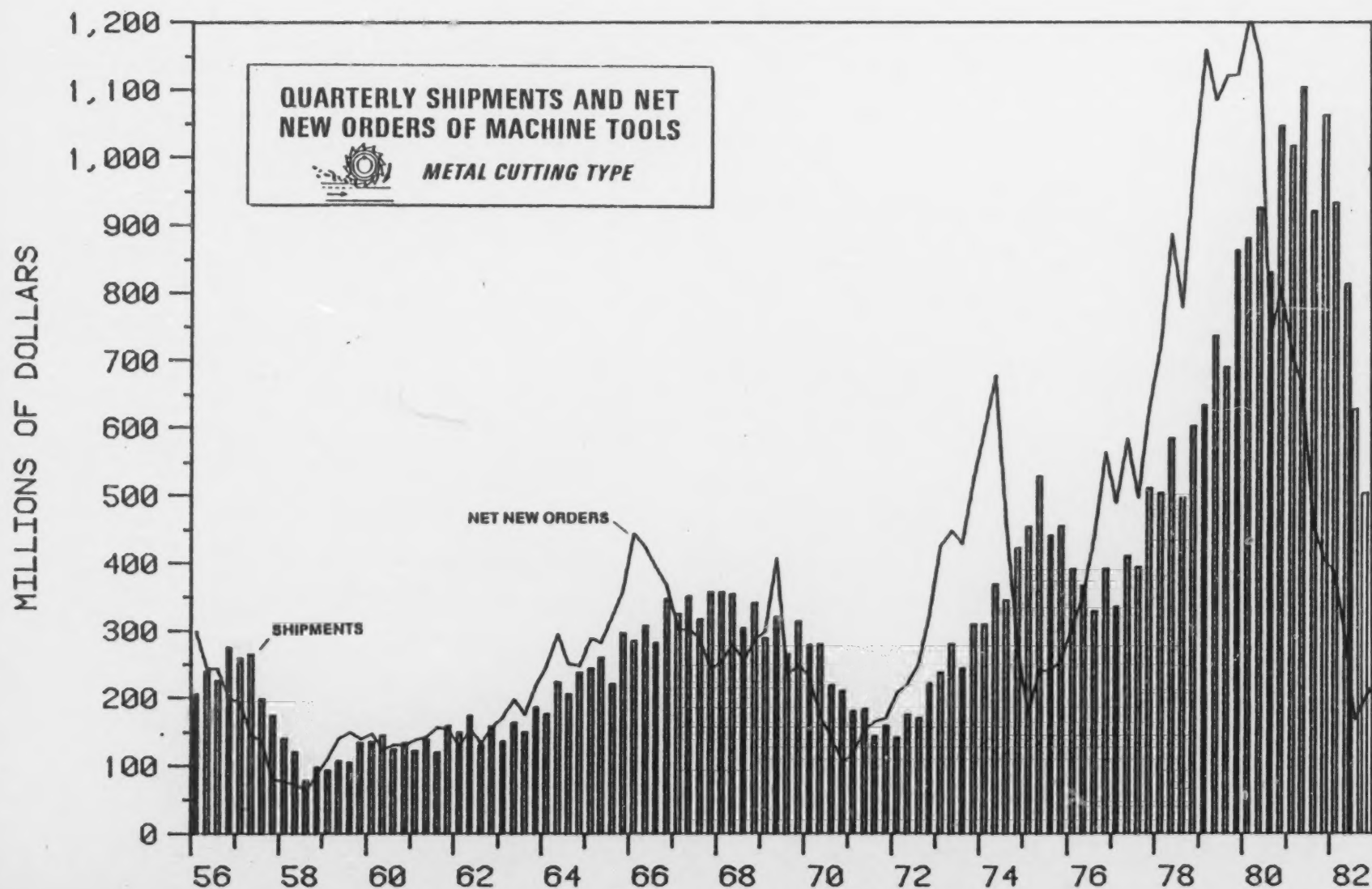
Source: National Machine Tool Builders' Association

January 31, 1983

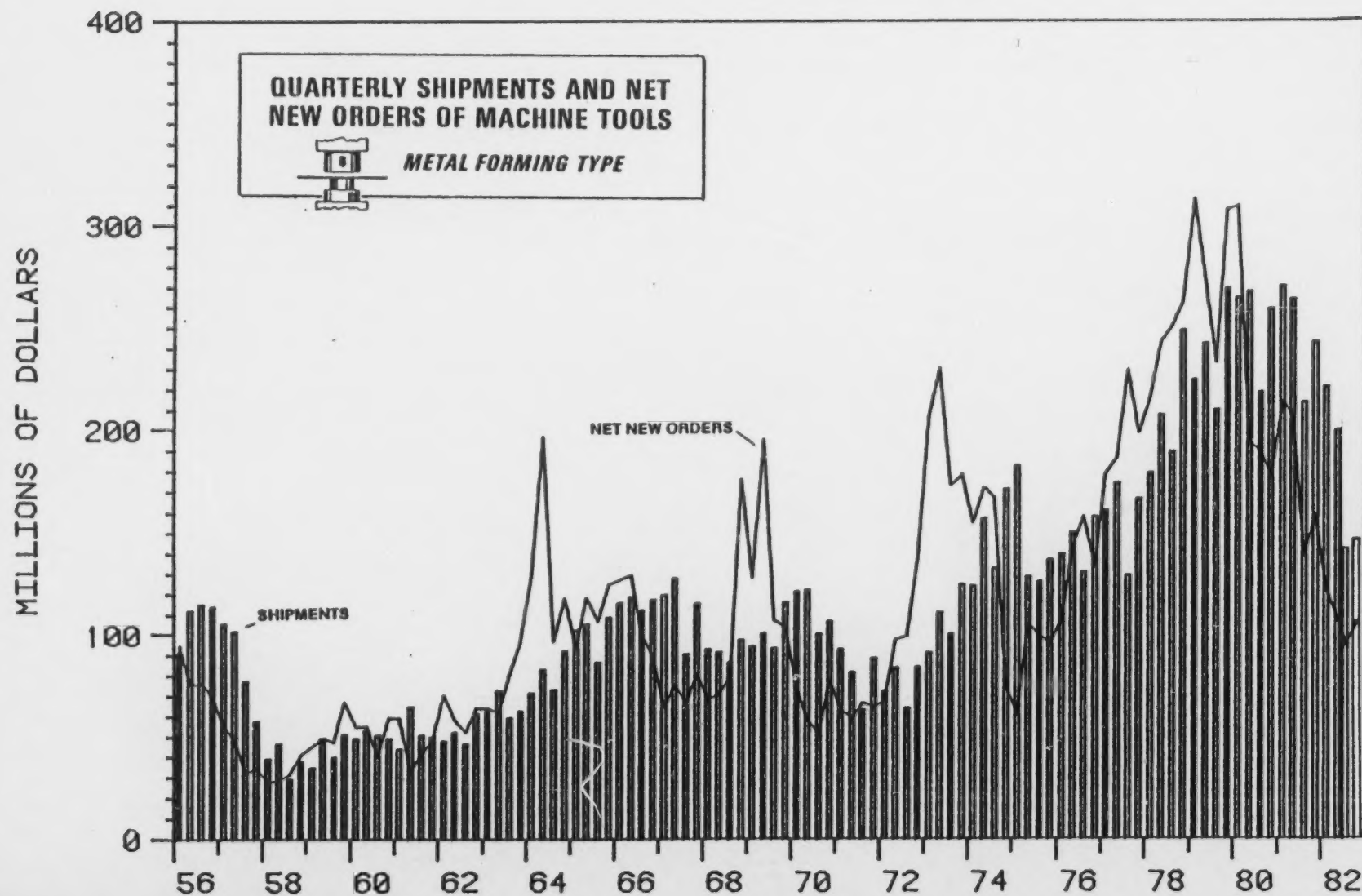
**MACHINE TOOL INDUSTRY
SHIPMENTS (BAR) AND NET NEW ORDERS (LINE)**



METAL CUTTING MACHINE TOOL SHIPMENTS (BAR) AND NET NEW ORDERS (LINE)



METAL FORMING MACHINE TOOL
SHIPMENTS (BAR) AND NET NEW ORDERS (LINE)



February 22, 1983

press release

Contact:

Charles Pollock

FOR RELEASE A.M. MONDAY, FEBRUARY 28, 1983

A8050-1 2/28/83

McLean, VA, Feb. 22, 1983 -- Orders for U.S. machine tools dropped by 24% in January from the previous month, and were 55% below their January 1982 level, according to data released today by the National Machine Tool Builders' Association. January orders for metal-cutting and metal-forming machine tools reached \$91,550,000 compared to a December total of \$120,950,000.

Industry shipments were off 42% from December, at a total value of \$153,050,000. This shipment rate was 60% below January 1982's shipments.

"Our industry went into the current recession somewhat later than many others," said James A. Gray, President of the National Machine Tool Builders' Association. "So we continue to feel its full impact. Right now the machine tool industry is severely crippled," Gray said. "Economic recovery -- to any extent -- could not arrive too soon for us."

(over)

 **national
machine
tool builders'
association**

7901 WESTPARK DRIVE
MCLEAN, VIRGINIA 22102
AREA CODE (703) 893-2900
TWX: 710-831-0031 NMTBA MCLN

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January net new orders for metal-cutting machine tools decreased 33% at \$57,550,000 while metal-cutting shipments declined 47% at \$108,250,000. Metal-forming machine tool orders were down 3% in January, totaling \$34,000,000, with shipments in the category off 25% at \$44,800,000.

The machine tool industry's order backlog continued to fall in January, ending the month at \$1,132,100,000.

#

COMPARISON CHART

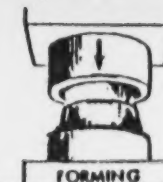
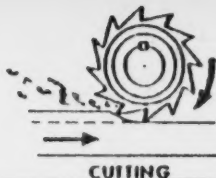
NET NEW ORDERS -- MACHINE TOOLS (Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Jan. 1983	51,950	5,600	57,550	28,150	5,850	34,000	80,100	11,450	91,550
Dec. 1982	84,200	1,600	85,800	33,500	1,650	35,150	117,700	3,250	120,950
% Change									
Jan.1983:Dec.1982	-38.3	+250.0	-32.9	-16.0	+254.5	-3.3	-31.9	+252.3	-24.3
January 1982	124,900	31,050	155,950	41,250	8,000	49,250	166,150	39,050	205,200
% Change									
Jan.1983:Jan.1982	-58.4	-82.0	-63.1	-31.8	-26.9	-31.0	-51.8	-70.7	-55.4
Year To Date 1983									
Year To Date 1982		N/A			N/A			N/A	
% Change									
1983 : 1982									

SHIPMENTS -- MACHINE TOOLS (Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Jan. 1983	94,450	13,800	108,250	37,600	7,200	44,800	132,050	21,000	153,050
Dec. 1982	184,200	20,100	204,300	41,500	18,350	59,850	225,700	38,450	264,150
% Change									
Jan.1983:Dec.1982	-48.7	-31.3	-47.0	-9.4	-60.8	-25.1	-41.5	-45.4	-42.1
January 1982	284,500	22,650	307,150	49,600	26,800	76,400	334,100	49,450	383,550
% Change									
Jan.1983:Jan.1982	-66.8	-39.1	-64.8	-24.2	-73.1	-41.4	-60.5	-57.5	-60.1
Year To Date 1983									
Year To Date 1982		N/A			N/A			N/A	
% Change									
1983 : 1982									

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TOTAL INDUSTRY ESTIMATE MACHINE TOOLS - CUTTING AND FORMING New Orders, Cancellations, Shipments and Backlog

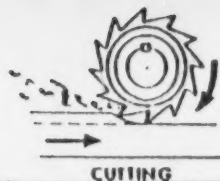
DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan. (p)	\$ 80,100,000	\$ 11,450,000	\$ 91,550,000	1,132.10	\$ 132,050,000	\$ 21,000,000	\$ 153,050,000

DATE	GROSS NEW ORDERS			CANCELLATIONS		
	Domestic	Foreign	Total	Domestic	Foreign	Total
1983						
Jan. (p)	\$ 93,400,000	\$ 12,400,000	\$ 105,800,000	\$ 13,300,000	\$ 950,000	\$ 14,250,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan. (p)	\$ 51,950,000	\$ 5,600,000	\$ 57,550,000	992.30	\$ 94,450,000	\$ 13,800,000	\$ 108,250,000

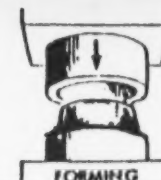
DATE	GROSS NEW ORDERS				CANCELLATIONS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan. (p)	\$ 63,500,000	\$ 5,950,000	\$ 69,450,000		\$ 11,550,000	\$ 350,000	\$ 11,900,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog



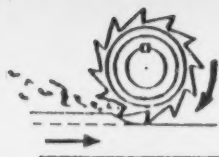
DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan. (p)	\$ 28,150,000	\$ 5,850,000	\$ 34,000,000	139.80	\$ 37,600,000	\$ 7,200,000	\$ 44,800,000

DATE	GROSS NEW ORDERS				CANCELLATIONS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan. (p)	\$ 29,900,000	\$ 6,450,000	\$ 36,350,000		\$ 1,750,000	\$ 600,000	\$ 2,350,000

P - Preliminary

N.M.T.B.A. F - 1d

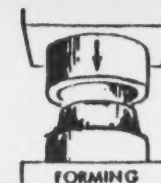
NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



CUTTING

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TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog



FORMING

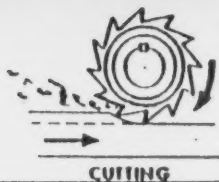
DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1982							
Jan.	\$ 166,150,000	\$ 39,050,000	\$ 205,200,000	3,121.90	\$ 334,100,000	\$ 49,450,000	\$ 383,550,000
Feb.	149,200,000	14,600,000	163,800,000	2,926.10	331,250,000	28,350,000	359,600,000
Mar.	116,950,000	20,850,000	137,800,000	2,652.85	376,200,000	34,850,000	411,050,000
Apr.	137,500,000	13,300,000	150,800,000	2,500.20	270,900,000	32,550,000	303,450,000
May	81,150,000	24,800,000	105,950,000	2,310.30	269,050,000	26,800,000	295,850,000
June	84,400,000	41,500,000	125,900,000	2,027.05	371,900,000	37,250,000	409,150,000
July	87,950,000	18,600,000	106,550,000	1,883.25	214,400,000	35,950,000	250,350,000
Aug.	71,950,000	14,550,000	86,500,000	1,712.55	223,200,000	34,000,000	257,200,000
Sept.	77,400,000	9,500,000	86,900,000	1,523.60	238,600,000	37,250,000	275,850,000
Oct.	101,650,000	17,550,000	119,200,000	1,442.10	174,550,000	26,150,000	200,700,000
Nov.	69,350,000	18,850,000	88,200,000	1,336.80	168,500,000	25,000,000	193,500,000
Dec.	117,700,000	3,250,000	120,950,000	1,193.60	225,700,000	38,450,000	264,150,000
12 mos.	\$1,261,350,000	\$ 236,400,000	\$1,497,750,000		\$3,198,350,000	\$ 406,050,000	\$3,604,400,000

DATE	GROSS NEW ORDERS			CANCELLATIONS		
	Domestic	Foreign	Total	Domestic	Foreign	Total
1982						
Jan.	\$ 198,900,000	\$ 39,800,000	\$ 238,700,000	\$ 32,750,000	\$ 750,000	\$ 33,500,000
Feb.	175,200,000	17,200,000	192,400,000	26,000,000	2,600,000	28,600,000
Mar.	183,050,000	24,450,000	207,500,000	66,100,000	3,600,000	69,700,000
Apr.	186,500,000	16,650,000	203,150,000	49,000,000	3,350,000	52,350,000
May	120,400,000	27,200,000	147,600,000	39,250,000	2,400,000	41,650,000
June	123,950,000	44,650,000	168,600,000	39,550,000	3,150,000	42,700,000
July	122,600,000	20,650,000	143,250,000	34,650,000	2,050,000	36,700,000
Aug.	99,150,000	16,650,000	115,800,000	27,200,000	2,100,000	29,300,000
Sept.	101,950,000	11,900,000	113,850,000	24,550,000	2,400,000	26,950,000
Oct.	117,600,000	20,150,000	137,750,000	15,950,000	2,600,000	18,550,000
Nov.	93,200,000	22,250,000	115,450,000	23,850,000	3,400,000	27,250,000
Dec.	139,200,000	11,200,000	150,400,000	21,500,000	7,950,000	29,450,000
12 mos.	\$1,661,700,000	\$ 272,750,000	\$1,934,450,000	\$ 400,350,000	\$ 36,350,000	\$ 436,700,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
 New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1982							
Jan.	\$ 124,900,000	\$ 31,050,000	\$ 155,950,000	2,722.10	\$ 284,500,000	\$ 22,650,000	\$ 307,150,000
Feb.	113,300,000	9,850,000	123,150,000	2,552.10	273,750,000	19,400,000	293,150,000
Mar.	90,200,000	15,550,000	105,750,000	2,325.10	303,050,000	29,700,000	332,750,000
Apr.	107,550,000	7,550,000	115,100,000	2,200.75	214,600,000	24,850,000	239,450,000
May	53,750,000	14,250,000	68,000,000	2,022.15	224,150,000	22,450,000	246,600,000
June	55,150,000	36,500,000	91,650,000	1,789.20	296,550,000	28,050,000	324,600,000
July	57,550,000	12,850,000	70,400,000	1,656.05	173,750,000	29,800,000	203,550,000
Aug.	49,250,000	11,200,000	60,450,000	1,504.00	184,300,000	28,200,000	212,500,000
Sept.	47,200,000	5,400,000	52,600,000	1,332.20	192,650,000	31,750,000	224,400,000
Oct.	59,100,000	13,750,000	72,850,000	1,254.45	132,300,000	18,300,000	150,600,000
Nov.	47,450,000	15,300,000	62,750,000	1,161.50	134,800,000	20,900,000	155,700,000
Dec.	84,200,000	1,600,000	85,800,000	1,043.00	184,200,000	20,100,000	204,300,000
12 mos.	\$ 889,600,000	\$ 174,850,000	\$1,064,450,000		\$2,598,600,000	\$296,150,000	\$2,894,750,000

DATE	GROSS NEW ORDERS				CANCELLATIONS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1982							
Jan.	\$ 153,550,000	\$ 31,700,000	\$ 185,250,000		\$ 28,650,000	\$ 650,000	\$ 29,300,000
Feb.	137,600,000	12,400,000	150,000,000		24,300,000	2,550,000	26,850,000
Mar.	152,800,000	18,200,000	171,000,000		62,600,000	2,650,000	65,250,000
Apr.	153,100,000	9,600,000	162,700,000		45,550,000	2,050,000	47,600,000
May	89,750,000	15,400,000	105,150,000		36,000,000	1,150,000	37,150,000
June	92,550,000	38,850,000	131,400,000		37,400,000	2,350,000	39,750,000
July	91,300,000	14,850,000	106,150,000		33,750,000	2,000,000	35,750,000
Aug.	73,750,000	12,800,000	86,550,000		24,500,000	1,600,000	26,100,000
Sept.	70,900,000	7,300,000	78,200,000		23,700,000	1,900,000	25,600,000
Oct.	72,550,000	16,150,000	88,700,000		13,450,000	2,400,000	15,850,000
Nov.	69,700,000	17,750,000	87,450,000		22,250,000	2,450,000	24,700,000
Dec.	104,700,000	9,450,000	114,150,000		20,500,000	7,850,000	28,350,000
12 mos.	\$1,262,250,000	\$ 204,450,000	\$1,466,700,000		\$ 372,650,000	\$ 29,600,000	\$ 402,250,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog



DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1982							
Jan.	\$ 41,250,000	\$ 8,000,000	\$ 49,250,000	399.80	\$ 49,600,000	\$ 26,800,000	\$ 76,400,000
Feb.	35,900,000	4,750,000	40,650,000	374.00	57,500,000	8,950,000	66,450,000
Mar.	26,750,000	5,300,000	32,050,000	327.75	73,150,000	5,150,000	78,300,000
Apr.	29,950,000	5,750,000	35,700,000	299.45	56,300,000	7,700,000	64,000,000
May	27,400,000	10,550,000	37,950,000	288.15	44,900,000	4,350,000	49,250,000
June	29,250,000	5,000,000	34,250,000	237.85	75,350,000	9,200,000	84,550,000
July	30,400,000	5,750,000	36,150,000	227.20	40,650,000	6,150,000	46,800,000
Aug.	22,700,000	3,350,000	26,050,000	208.55	38,900,000	5,800,000	44,700,000
Sept.	30,200,000	4,100,000	34,300,000	191.40	45,950,000	5,500,000	51,450,000
Oct.	42,550,000	3,800,000	46,350,000	187.65	42,250,000	7,850,000	50,100,000
Nov.	21,900,000	3,550,000	25,450,000	175.30	33,700,000	4,100,000	37,800,000
Dec.	33,500,000	1,650,000	35,150,000	150.60	41,500,000	18,350,000	59,850,000
12 mos.	\$ 371,750,000	\$ 61,550,000	\$ 433,300,000		\$ 599,750,000	\$ 109,900,000	\$ 709,650,000

DATE	GROSS NEW ORDERS			CANCELLATIONS		
	Domestic	Foreign	Total	Domestic	Foreign	Total
1982						
Jan.	\$ 45,350,000	\$ 8,100,000	\$ 53,450,000	\$ 4,100,000	\$ 100,000	\$ 4,200,000
Feb.	37,600,000	4,800,000	42,400,000	1,700,000	50,000	1,750,000
Mar.	30,250,000	6,250,000	36,500,000	3,500,000	950,000	4,450,000
Apr.	33,400,000	7,050,000	40,450,000	3,450,000	1,300,000	4,750,000
May	30,650,000	11,800,000	42,450,000	3,250,000	1,250,000	4,500,000
June	31,400,000	5,800,000	37,200,000	2,150,000	800,000	2,950,000
July	31,300,000	5,800,000	37,100,000	900,000	50,000	950,000
Aug.	25,400,000	3,850,000	29,250,000	2,700,000	500,000	3,200,000
Sept.	31,050,000	4,600,000	35,650,000	850,000	500,000	1,350,000
Oct.	45,050,000	4,000,000	49,050,000	2,500,000	200,000	2,700,000
Nov.	23,500,000	4,500,000	28,000,000	1,600,000	950,000	2,550,000
Dec.	34,500,000	\$ 1,750,000	36,250,000	1,000,000	100,000	1,100,000
12 mos.	\$ 399,450,000	\$ 68,300,000	\$ 467,750,000	\$ 27,700,000	\$ 6,750,000	\$ 34,450,000

P - Preliminary

N.M.T.B.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

A8050-1 3/25/83

March 21, 1983

FOR RELEASE A.M. MONDAY, March 28, 1983

**press
release**

McLean, VA, March 21, 1983 -- Net new orders for U.S. machine tools rose 7% in February compared to the previous month, according to data released today by the National Machine Tool Builders' Association. However, the monthly order total of \$98 million for American-made metal-cutting and metal-forming machine tools was down 40% from February a year ago.

Machine tool shipments for the month also increased slightly (4%) to a total value of \$158,500,000. This February shipment total was, however, 56% lower than during the same month last year.

"Our industry is still in a very precarious position," said James A. Gray, president of NMTBA. "This year's shipments will ultimately reflect last year's orders -- and that means they will drop sharply, in the face of a steadily shrinking backlog."

(over)

 **national
machine
tool builders'
association**

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AREA CODE (703) 893-2900
TWX: 710-831-0031 NMTBA MCLN

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"Although February's slight increase in new orders indicates we may have finally hit bottom, 1983 will be a very tough year for American builders," Gray emphasized. "Foreign inventories of machine tools that are being sold at bargain basement prices threaten the industry as much as a slow economic recovery or high interest rates."

February orders in the metal-cutting machine tool category rose 37% at \$77,900,000, while shipments increased 20% at \$128,950,000. However, monthly metal-cutting orders were off 37% from February a year ago, with shipments in the category down 56% compared to February, 1982.

In the metal-forming category, orders declined 42% for the month at \$20,100,000 and shipments fell 35% at \$29,550,000. Metal-forming orders were off 51% compared to last February, with shipments down 56% for the same period.

At the end of February, total industry backlog had declined to \$1,072,100,000, which represents less than seven months production at the February rate.

#

COMPARISON CHART

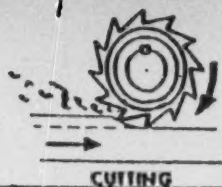
NET NEW ORDERS -- MACHINE TOOLS (Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Feb. 1983	70,050	7,850	77,900	18,700	1,400	20,100	88,750	9,250	98,000
Jan. 1983	51,350	5,700	57,050	28,950	5,850	34,800	80,300	11,550	91,850
% Change									
Feb.1983:Jan.1983	+36.4	+37.7	+36.5	-35.4	-76.1	-42.2	+10.5	-19.9	+6.7
February 1982	113,300	9,850	123,150	35,900	4,750	40,650	149,200	14,600	163,800
% Change									
Feb.1983:Feb.1982	-38.2	-20.3	-36.7	-47.9	-70.5	-50.6	-40.5	-36.6	-40.2
Year To Date 1983	121,400	13,550	134,950	47,650	7,250	54,900	169,050	20,800	189,850
Year To Date 1982	238,200	40,900	279,100	77,150	12,750	89,900	315,350	53,650	369,000
% Change									
1983 : 1982	-49.0	-66.9	-51.6	-38.2	-43.1	-38.9	-46.4	-61.2	-48.6

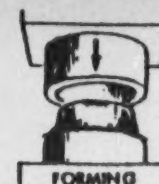
SHIPMENTS -- MACHINE TOOLS (Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Feb. 1983	116,850	12,100	128,950	26,550	3,000	29,550	143,400	15,100	158,500
Jan. 1983	93,400	14,000	107,400	38,050	7,400	45,450	131,450	21,400	152,850
% Change									
Feb.1983:Jan.1983	+25.1	-13.6	+20.1	-30.2	-59.5	-35.0	+9.1	-29.4	+3.7
February 1982	273,750	19,400	293,150	57,500	8,950	66,450	331,250	28,350	359,600
% Change									
Feb.1983:Feb.1982	-57.3	-37.6	-56.0	-53.8	-66.5	-55.5	-56.7	-46.7	-55.9
Year To Date 1983	210,250	26,100	236,350	64,600	10,400	75,000	274,850	36,500	311,350
Year To Date 1982	558,250	42,050	600,300	107,100	35,750	142,850	665,350	77,800	743,150
% Change									
1983 : 1982	-62.3	-37.9	-60.6	-39.7	-70.9	-47.5	-58.7	-53.1	-58.1

Source: National Machine Tool Builders' Association



**TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING**
New Orders, Cancellations, Shipments and Backlog



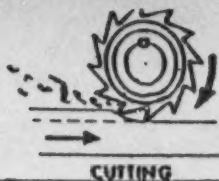
DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 80,300,000	\$ 11,550,000	\$ 91,850,000	1,132.60	\$ 131,450,000	\$ 21,400,000	\$ 152,850,000
Feb. (p)	\$ 88,750,000	\$ 9,250,000	\$ 98,000,000	1,072.10	\$ 143,400,000	\$ 15,100,000	\$ 158,500,000
	\$ 169,050,000	\$ 20,800,000	\$ 189,850,000		\$ 274,850,000	\$ 36,500,000	\$ 311,350,000

DATE	GROSS NEW ORDERS				CANCELLATIONS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 93,450,000	\$ 12,500,000	\$ 105,950,000		\$ 13,150,000	\$ 950,000	\$ 14,100,000
Feb. (p)	\$ 99,100,000	\$ 9,900,000	\$ 109,000,000		\$ 10,350,000	\$ 650,000	\$ 11,000,000
	\$ 192,550,000	\$ 22,400,000	\$ 214,950,000		\$ 23,500,000	\$ 1,600,000	\$ 25,100,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
 New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
<u>1983</u>							
Jan.	\$ 51,350,000	\$ 5,700,000	\$ 57,050,000	992.65	\$ 93,400,000	\$ 14,000,000	\$ 107,400,000
Feb. (p)	\$ 70,050,000	\$ 7,850,000	\$ 77,900,000	941.60	\$ 116,850,000	\$ 12,100,000	\$ 128,950,000
	\$ 121,400,000	\$ 13,550,000	\$ 134,950,000		\$ 210,250,000	\$ 26,100,000	\$ 236,350,000

DATE	GROSS NEW ORDERS				CANCELLATIONS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
<u>1983</u>							
Jan.	\$ 62,750,000	\$ 6,050,000	\$ 68,800,000		\$ 11,400,000	\$ 350,000	\$ 11,750,000
Feb. (p)	\$ 78,800,000	\$ 8,450,000	\$ 87,250,000		\$ 8,750,000	\$ 600,000	\$ 9,350,000
	\$ 141,550,000	\$ 14,500,000	\$ 156,050,000		\$ 20,150,000	\$ 950,000	\$ 21,100,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
 New Orders, Cancellations, Shipments and Backlog



DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 28,950,000	\$ 5,850,000	\$ 34,800,000	139.95	\$ 38,050,000	\$ 7,400,000	\$ 45,450,000
Feb. (p)	\$ 18,700,000	\$ 1,400,000	\$ 20,100,000	130.50	\$ 26,550,000	\$ 3,000,000	\$ 29,550,000
	\$ 47,650,000	\$ 7,250,000	\$ 54,900,000		\$ 64,600,000	\$ 10,400,000	\$ 75,000,000

DATE	GROSS NEW ORDERS				CANCELLATIONS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 30,700,000	\$ 6,450,000	\$ 37,150,000		\$ 1,750,000	\$ 600,000	\$ 2,350,000
Feb. (p)	\$ 20,300,000	\$ 1,450,000	\$ 21,750,000		\$ 1,600,000	\$ 50,000	\$ 1,650,000
	\$ 51,000,000	\$ 7,900,000	\$ 58,900,000		\$ 3,350,000	\$ 650,000	\$ 4,000,000

P - Preliminary

N.M.T.B.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

April 18, 1983

FOR RELEASE A.M. MONDAY, APRIL 25, 1983

**press
release****Contact:****Charles Pollock**

McLean, VA, April 18, 1983 -- Orders and shipments of U.S.-made metal-cutting and metal-forming machine tools declined sharply in the first quarter of 1983 compared to the same period last year. Net new orders through March 31 dropped 38% and shipments fell 58%, according to data released today by the National Machine Tool Builders' Association. Orders for the quarter came in at \$314,900,000 as opposed to \$506,800,000 in 1982. Shipments, at \$487,650,000, were down from a total of \$1,154,200,000 recorded in the first three months of 1982.

However, for the month of March, orders increased 29% to \$125,550,000 and shipments were up 11% to \$176,450,000 compared to February totals. The March order level represented the highest monthly total since June of 1982.

(over)



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TWX 710-831-0031 NMTBA MCLN

"Things cannot get much worse for our industry," said NMTBA President, James A. Gray. "Orders, shipments, and backlogs are all at distressingly low levels. In constant, uninflated dollars, industry activity is at the lowest level in 50 years. The one ray of hope is that the decline seems to be leveling off."

"Our industry's first quarter performance was anything but satisfactory," Gray emphasized, "but if an overall economic recovery is indeed underway, it would be a positive sign for the machine tool industry."

In the metal-cutting machine tool category, orders rose 16% for the month at \$89,650,000, while shipments were up 5% at a level of \$134,550,000. For the quarter, metal-cutting orders declined 42% at \$224,100,000 and shipments were off 60% at \$370,750,000 from the same period a year ago.

Orders for metal-forming machine tools increased 79% for the month at \$35,900,000 and shipments in the category were up 42% at \$41,900,000. First quarter of 1983 totals for metal-forming machine tools reflected a 26% decline in orders at \$90,800,000 and a 47% drop in shipments at \$116,900,000 compared to the first quarter of 1982.

Industry order backlogs continued to decline, shrinking to a level of \$1,020,850,000 compared to \$2,652,850,000 in March a year ago.

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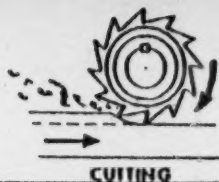
COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS (Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Mar. 1983	84,950	4,700	89,650	32,100	3,800	35,900	117,050	8,500	125,550
Feb. 1983	69,550	7,850	77,400	18,700	1,400	20,100	88,250	9,250	97,500
% Change Mar.1983:Feb.1983	+22.1	-40.1	+15.8	+71.7	+171.4	+78.6	+32.6	-8.1	+28.8
March 1982	90,200	15,550	105,750	26,750	5,300	32,050	116,950	20,850	137,800
% Change Mar.1983:Mar.1982	-5.8	-69.8	-15.2	+20.0	-28.3	+12.0	+0.1	-59.2	-8.9
Year To Date 1983	205,850	18,250	224,100	79,750	11,050	90,800	285,600	29,300	314,900
Year To Date 1982	328,400	56,450	384,850	103,900	18,050	121,950	432,300	74,500	506,800
% Change 1983 : 1982	-37.3	-67.7	-41.8	-23.2	-38.8	-25.5	-33.9	-60.7	-37.9

SHIPMENTS -- MACHINE TOOLS (Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Mar. 1983	119,850	14,700	134,550	36,450	5,450	41,900	156,300	20,150	176,450
Feb. 1983	116,700	12,100	128,800	26,550	3,000	29,550	143,250	15,100	158,350
% Change Mar.1983:Feb.1983	+2.7	+21.5	+4.5	+37.3	+81.7	+41.8	+9.1	+33.4	+11.4
March 1982	303,050	29,700	332,750	73,150	5,150	78,300	376,200	34,850	411,050
% Change Mar.1983:Mar.1982	-60.5	-50.5	-59.6	-50.2	+5.8	-46.5	-58.5	-42.2	-57.1
Year To Date 1983	329,950	40,800	370,750	101,050	15,850	116,900	431,000	56,650	487,650
Year To Date 1982	861,300	71,750	933,050	180,250	40,900	221,150	1,041,550	112,650	1,154,200
% Change 1983 : 1982	-61.7	-43.1	-60.3	-43.9	-61.2	-47.1	-58.6	-49.7	-57.7



CUTTING

TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog



FORMING

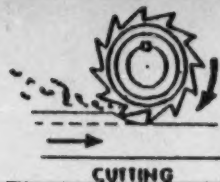
DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 80,300,000	\$ 11,550,000	\$ 91,850,000	1,132.60	\$ 131,450,000	\$ 21,400,000	\$ 152,850,000
Feb.	\$ 88,250,000	\$ 9,250,000	\$ 97,500,000	1,071.75	\$ 143,250,000	\$ 15,100,000	\$ 158,350,000
Mar. (p)	\$ 117,050,000	\$ 8,500,000	\$ 125,550,000	1,020.85	\$ 156,300,000	\$ 20,150,000	\$ 176,450,000
3 Mos.	\$ 285,600,000	\$ 29,300,000	\$ 314,900,000		\$ 431,000,000	\$ 56,650,000	\$ 487,650,000

DATE	GROSS NEW ORDERS			CANCELLATIONS		
	Domestic	Foreign	Total	Domestic	Foreign	Total
1983						
Jan.	\$ 93,450,000	\$ 12,500,000	\$ 105,950,000	\$ 13,150,000	\$ 950,000	\$ 14,100,000
Feb.	\$ 98,600,000	\$ 9,900,000	\$ 108,500,000	\$ 10,350,000	\$ 650,000	\$ 11,000,000
Mar. (p)	\$ 128,450,000	\$ 10,200,000	\$ 138,650,000	\$ 11,400,000	\$ 1,700,000	\$ 13,100,000
3 Mos.	\$ 320,500,000	\$ 32,600,000	\$ 353,100,000	\$ 34,900,000	\$ 3,300,000	\$ 38,200,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
 New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 51,350,000	\$ 5,700,000	\$ 57,050,000	992.65	\$ 93,400,000	\$ 14,000,000	\$ 107,400,000
Feb.	\$ 69,550,000	\$ 7,850,000	\$ 77,400,000	941.25	\$ 116,700,000	\$ 12,100,000	\$ 128,800,000
Mar. (p)	\$ 84,950,000	\$ 4,700,000	\$ 89,650,000	896.35	\$ 119,850,000	\$ 14,700,000	\$ 134,550,000
3 Mos.	\$ 205,850,000	\$ 18,250,000	\$ 224,100,000		\$ 329,950,000	\$ 40,800,000	\$ 370,750,000

DATE	GROSS NEW ORDERS				CANCELLATIONS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 62,750,000	\$ 6,050,000	\$ 68,800,000		\$ 11,400,000	\$ 350,000	\$ 11,750,000
Feb.	\$ 78,300,000	\$ 8,450,000	\$ 86,750,000		\$ 8,750,000	\$ 600,000	\$ 9,350,000
Mar. (p)	\$ 95,900,000	\$ 6,350,000	\$ 102,250,000		\$ 10,950,000	\$ 1,650,000	\$ 12,600,000
3 Mos.	\$ 236,950,000	\$ 20,850,000	\$ 257,800,000		\$ 31,100,000	\$ 2,600,000	\$ 33,700,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog



DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 28,950,000	\$ 5,850,000	\$ 34,800,000	139.95	\$ 38,050,000	\$ 7,400,000	\$ 45,450,000
Feb.	\$ 18,700,000	\$ 1,400,000	\$ 20,100,000	130.50	\$ 26,550,000	\$ 3,000,000	\$ 29,550,000
Mar. (p)	\$ 32,100,000	\$ 3,800,000	\$ 35,900,000	124.50	\$ 36,450,000	\$ 5,450,000	\$ 41,900,000
3 Mos.	\$ 79,750,000	\$ 11,050,000	\$ 90,800,000		\$ 101,050,000	\$ 15,850,000	\$ 116,900,000

DATE	GROSS NEW ORDERS				CANCELLATIONS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 30,700,000	\$ 6,450,000	\$ 37,150,000		\$ 1,750,000	\$ 600,000	\$ 2,350,000
Feb.	\$ 20,300,000	\$ 1,450,000	\$ 21,750,000		\$ 1,600,000	\$ 50,000	\$ 1,650,000
Mar. (p)	\$ 32,550,000	\$ 3,850,000	\$ 36,400,000		\$ 450,000	\$ 50,000	\$ 500,000
3 Mos.	\$ 83,550,000	\$ 11,750,000	\$ 95,300,000		\$ 3,800,000	\$ 700,000	\$ 4,500,000

P - Preliminary

N.M.T.B.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

QUARTERLY AND YEARLY SHIPMENTS AND NET NEW ORDERS OF MACHINE TOOLS
(DOLLAR FIGURES IN THOUSANDS)
1978 TO DATE

CUTTING AND FORMING				CUTTING			FORMING		
DATE	SHIPMENTS		NET	SHIPMENTS		NET	SHIPMENTS		NET
	Total	Foreign	NEW ORDERS	Total	Foreign	NEW ORDERS	Total	Foreign	NEW ORDERS
1978-1	\$ 683,200	\$ 62,300	\$ 940,050	\$ 503,850	\$ 44,300	\$ 723,850	\$ 179,350	\$ 18,100	\$ 216,200
2	791,600	79,050	1,129,950	565,300	57,200	886,550	207,400	21,800	243,400
3	687,550	77,750	1,027,650	498,050	59,200	776,950	189,500	18,550	250,700
4	851,100	105,750	1,250,850	602,400	67,750	988,100	248,700	38,000	262,750
Total	\$3,013,450	\$324,850	\$4,348,500	\$2,188,500	\$228,400	\$3,375,450	\$ 824,950	\$ 96,450	\$ 973,050
1979-1	\$ 858,050	\$ 88,300	\$1,471,400	\$ 633,450	\$ 69,000	\$1,158,250	\$ 224,600	\$ 19,300	\$ 313,150
2	978,200	109,150	1,356,450	735,750	87,650	1,083,550	242,450	21,500	272,900
3	899,850	97,050	1,353,200	689,850	78,500	1,120,500	210,000	18,550	232,700
4	1,140,450	116,750	1,440,400	871,000	89,400	1,132,800	269,450	27,350	307,600
Total	\$3,876,550	\$411,250	\$5,621,450	\$2,930,050	\$324,550	\$4,495,100	\$ 946,500	\$ 86,700	\$1,126,350
1980-1	\$1,146,150	\$115,700	\$1,517,450	\$ 881,400	\$ 86,750	\$1,207,800	\$ 264,750	\$ 28,950	\$ 309,650
2	1,193,300	155,550	1,335,350	925,350	122,850	1,142,100	267,950	32,700	193,250
3	1,049,050	133,850	917,500	830,450	102,650	728,300	218,600	31,200	189,200
4	1,303,250	202,400	984,000	1,043,600	162,550	806,550	259,650	39,850	177,450
Total	\$4,691,750	\$607,500	\$4,754,300	\$3,680,800	\$474,800	\$3,884,750	\$1,010,950	\$ 132,700	\$ 869,550
1981-1	\$1,288,200	\$210,800	\$ 920,350	\$1,017,850	\$155,600	\$ 706,600	\$ 270,350	\$ 55,200	\$ 213,750
2	1,367,500	236,350	867,000	1,103,400	185,450	661,200	264,100	50,900	205,800
3	1,133,950	127,950	593,450	920,300	99,950	455,250	213,650	28,000	138,200
4	1,305,950	143,850	564,050	1,062,950	111,050	405,050	243,000	32,800	159,000
Total	\$5,095,600	\$718,950	\$2,944,850	\$4,104,500	\$552,050	\$2,228,100	\$ 991,100	\$ 166,900	\$ 716,750
1982-1	\$1,154,200	\$112,650	\$ 506,800	\$ 933,050	\$ 71,750	\$ 384,850	\$ 221,150	\$ 40,900	\$ 121,950
2	1,008,450	96,600	382,650	810,650	75,350	274,750	197,800	21,250	107,900
3	783,400	187,200	279,950	640,450	89,750	183,450	142,950	17,450	96,500
4	658,350	89,600	328,350	510,600	59,300	221,400	147,750	30,300	106,950
Total	\$3,604,400	\$406,050	\$1,497,750	\$2,894,750	\$296,150	\$1,064,450	\$ 709,650	\$ 109,900	\$ 433,300
1983-1P	\$ 487,650	\$ 56,650	\$ 314,900	\$ 370,750	\$ 40,800	\$ 224,100	\$ 116,900	\$ 15,850	\$ 90,800

P - Preliminary

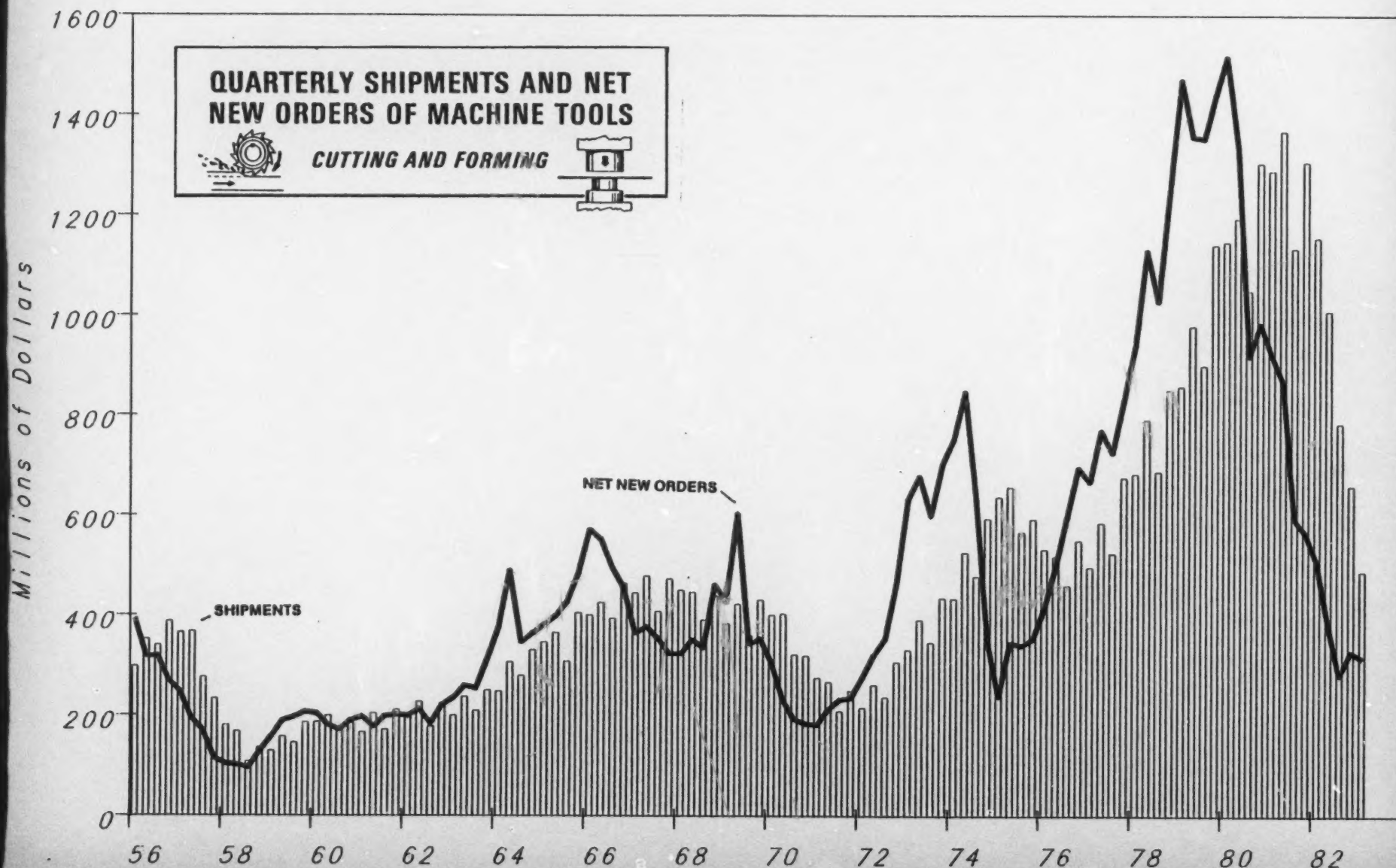
NOTE: These data series are available back to 1956. To obtain a copy of the tables for 1956 through 1982, contact:

NMTBA Statistical Department, 7901 Westpark Drive, McLean, Virginia 22102. Phone: 703:893-2900

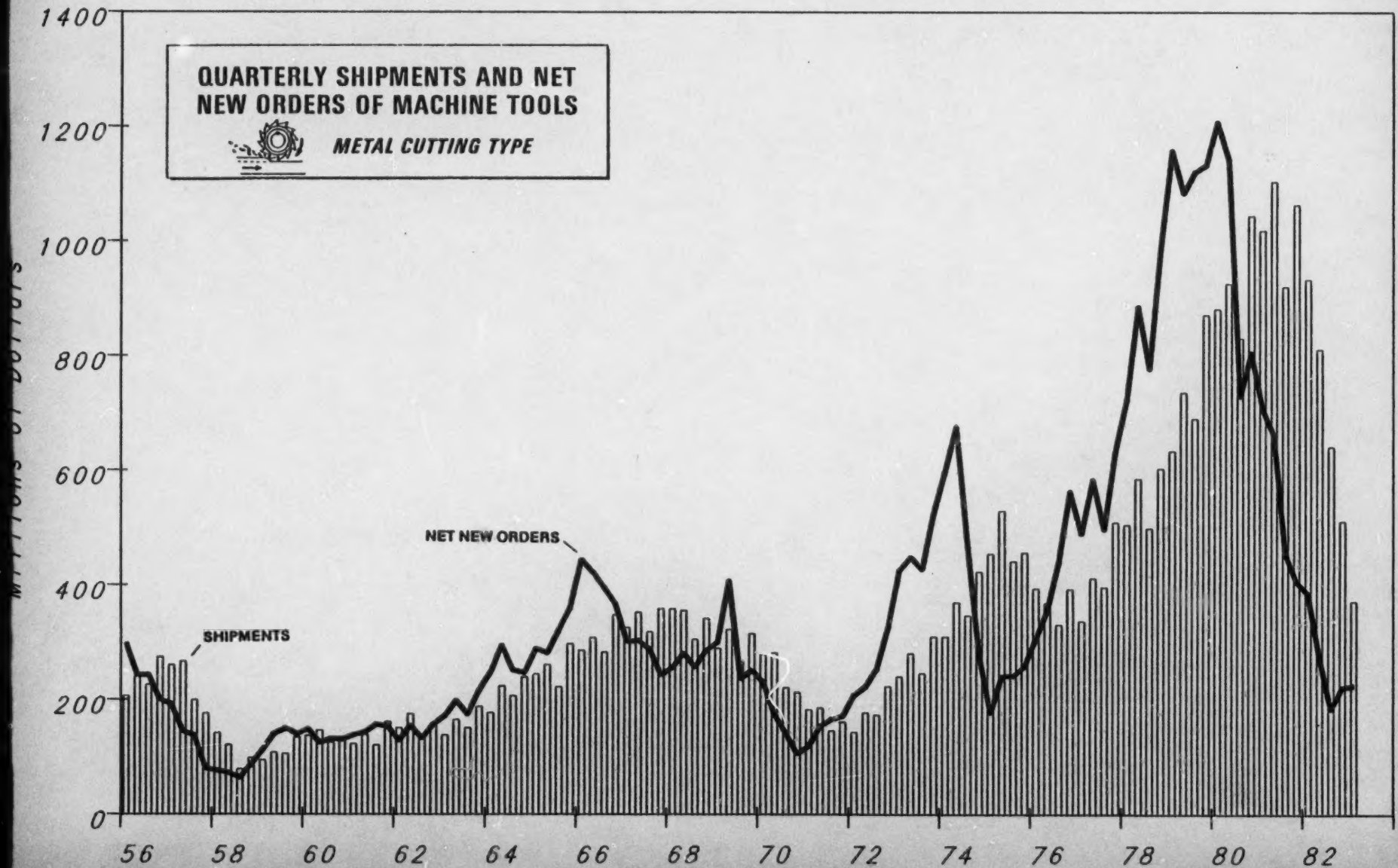
Source: National Machine Tool Builders' Association

April 25, 1983

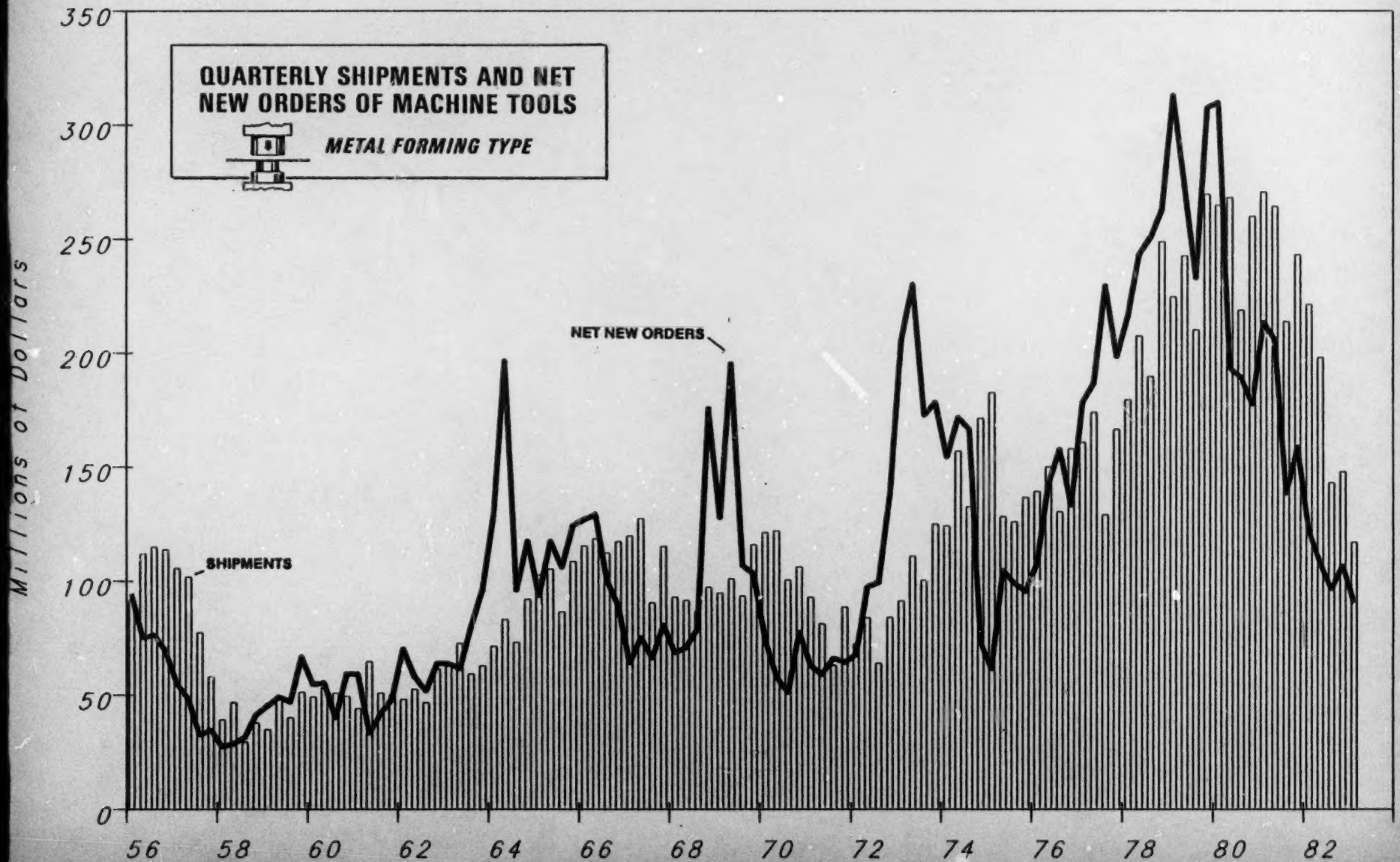
Total Machine Tool
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956:1 to 1983:1



*Metal Cutting Machine Tool
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956:1 to 1983:1*



*Metal Forming Machine Tool
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956:1 to 1983:1*



May 23, 1983

press release

Contact:

Charles Pollock



7901 WESTPARK DRIVE
MCLEAN, VIRGINIA 22102
AREA CODE (703) 893-2900
TWX: 710-831-0031 NMTBA MCLN

FOR RELEASE A.M. MONDAY, May 30, 1983

McLean, VA, May 23, 1983 -- Machine tool orders and shipments decreased slightly in April from the previous month, according to data released today by the National Machine Tool Builders' Association. Net new orders for U.S.-made metal-cutting and metal-forming machine tools fell by 5% for a monthly total of \$119,150,000, while shipments declined 14% at \$151,350,000 for the period.

Order backlogs for the industry dropped below \$1 billion, at \$988,800,000, down from \$2 1/2 billion last April and from \$5 billion two years ago.

"The machine tool industry is still at rock bottom," said NMTBA President, James A. Gray. "And until the rest of the manufacturing industry rallies strongly for at least several months, we can only hope that the rock doesn't give way."

(over)

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"But our biggest fear," Gray said, "is that in the meantime unabated imports -- subsidized by foreign governments and now at a level of 42% of the machine tools being installed in the United States -- will permanently cripple our industry, and in so doing, irreversibly impair U.S. defense capability."

For the month of April, metal-cutting machine tool orders were down 11% at \$79,850,000. Shipments in the category declined 16% to a total of \$113,500,000.

Net new orders in the metal-forming category rose 10% for the month, tallying \$39,300,000, while shipments of metal-forming machine tools dropped 10% at \$37,850,000 for the period.

Combined machine tool orders were off 34% year-to-date compared to the first four months of 1982. 1982 had been the worst year in the industry's post World War II history.

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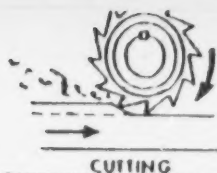
COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS
(Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
April 1983	74,150	5,700	79,850	37,400	1,900	39,300	111,550	7,600	119,150
March 1983	84,950	4,700	89,650	32,050	3,800	35,850	117,000	8,500	125,500
% Change									
Apr.1983:Mar.1983	-12.7	+21.3	-10.9	+16.7	-50.0	+9.6	-4.7	-10.6	-5.1
April 1982	107,550	7,550	115,100	29,950	5,750	35,700	137,500	13,300	150,800
% Change									
Apr.1983:Apr.1982	-31.1	-24.5	-30.6	+24.9	-67.0	+10.1	-18.9	-42.9	-21.0
Year To Date 1983	280,000	23,950	303,950	117,100	12,950	130,050	397,100	36,900	434,000
Year To Date 1982	435,950	64,000	499,950	133,850	23,800	157,650	569,800	87,800	657,600
% Change									
1983 : 1982	-35.8	-62.6	-39.2	-12.5	-45.6	-17.5	-30.3	-58.0	-34.0

SHIPMENTS -- MACHINE TOOLS
(Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
April 1983	101,350	12,150	113,500	35,000	2,850	37,850	136,350	15,000	151,350
March 1983	119,700	14,700	134,400	36,400	5,450	41,850	156,100	20,150	176,250
% Change									
Apr.1983:Mar.1983	-15.3	-17.3	-15.6	-3.8	-47.7	-9.6	-12.7	-25.6	-14.1
April 1982	214,600	24,850	239,450	56,300	7,700	64,000	270,900	32,550	303,450
% Change									
Apr.1983:Apr.1982	-52.8	-51.1	-52.6	-37.8	-63.0	-40.9	-49.7	-53.9	-50.1
Year To Date 1983	431,150	52,950	484,100	136,000	18,700	154,700	567,150	71,650	638,800
Year To Date 1982	1,075,900	96,600	1,172,500	236,550	48,600	285,150	1,312,450	145,200	1,457,650
% Change									
1983 : 1982	-59.9	-45.2	-58.7	-42.5	-61.5	-45.7	-56.8	-50.7	-56.2



TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog



DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 80,300,000	\$ 11,550,000	\$ 91,850,000	1,132.60	\$ 131,450,000	\$ 21,400,000	\$ 152,850,000
Feb.	\$ 88,250,000	\$ 9,250,000	\$ 97,500,000	1,071.75	\$ 143,250,000	\$ 15,100,000	\$ 158,350,000
Mar.	\$ 117,000,000	\$ 8,500,000	\$ 125,500,000	1,321.00	\$ 156,100,000	\$ 20,150,000	\$ 176,250,000
Apr. (p)	\$ 111,550,000	\$ 7,600,000	\$ 119,150,000	988.80	\$ 136,350,000	\$ 15,000,000	\$ 151,350,000
4 Mos.	\$ 397,100,000	\$ 36,900,000	\$ 434,000,000		\$ 567,150,000	\$ 71,650,000	\$ 638,800,000

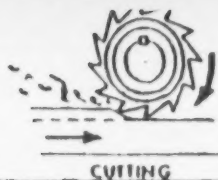
DATE	GROSS NEW ORDERS			CANCELLATIONS		
	Domestic	Foreign	Total	Domestic	Foreign	Total
1983						
Jan.	\$ 93,450,000	\$ 12,500,000	\$ 105,950,000	\$ 13,150,000	\$ 950,000	\$ 14,100,000
Feb.	\$ 98,600,000	\$ 9,900,000	\$ 108,500,000	\$ 10,350,000	\$ 650,000	\$ 11,000,000
Mar.	\$ 128,400,000	\$ 10,200,000	\$ 138,600,000	\$ 11,400,000	\$ 1,700,000	\$ 13,100,000
Apr. (p)	\$ 128,900,000	\$ 9,350,000	\$ 138,250,000	\$ 17,350,000	\$ 1,750,000	\$ 19,100,000
4 Mos.	\$ 449,350,000	\$ 41,950,000	\$ 491,300,000	\$ 52,250,000	\$ 5,050,000	\$ 57,300,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

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INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 51,350,000	\$ 5,700,000	\$ 57,050,000	992.65	\$ 93,400,000	\$ 14,000,000	\$ 107,400,000
Feb.	\$ 69,550,000	\$ 7,850,000	\$ 77,400,000	941.25	\$ 116,700,000	\$ 12,100,000	\$ 128,800,000
Mar.	\$ 84,950,000	\$ 4,700,000	\$ 89,650,000	896.50	\$ 119,700,000	\$ 14,700,000	\$ 134,400,000
Apr. (p)	\$ 74,150,000	\$ 5,700,000	\$ 79,850,000	862.85	\$ 101,350,000	\$ 12,150,000	\$ 113,500,000
4 Mos.	\$ 280,000,000	\$ 23,950,000	\$ 303,950,000		\$ 431,150,000	\$ 52,950,000	\$ 484,100,000

DATE	GROSS NEW ORDERS				CANCELLATIONS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 62,750,000	\$ 6,050,000	\$ 68,800,000		\$ 11,400,000	\$ 350,000	\$ 11,750,000
Feb.	\$ 78,300,000	\$ 8,450,000	\$ 86,750,000		\$ 8,750,000	\$ 600,000	\$ 9,350,000
Mar.	\$ 95,900,000	\$ 6,350,000	\$ 102,250,000		\$ 10,950,000	\$ 1,650,000	\$ 12,600,000
Apr. (p)	\$ 88,850,000	\$ 7,400,000	\$ 96,250,000		\$ 14,700,000	\$ 1,700,000	\$ 16,400,000
4 Mos.	\$ 325,800,000	\$ 28,250,000	\$ 354,050,000		\$ 45,800,000	\$ 4,300,000	\$ 50,100,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog



DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 28,950,000	\$ 5,850,000	\$ 34,800,000	139.95	\$ 38,050,000	\$ 7,400,000	\$ 45,450,000
Feb.	\$ 18,700,000	\$ 1,400,000	\$ 20,100,000	130.50	\$ 26,550,000	\$ 3,000,000	\$ 29,550,000
Mar.	\$ 32,050,000	\$ 3,800,000	\$ 35,850,000	124.50	\$ 36,400,000	\$ 5,450,000	\$ 41,850,000
Apr. (p)	\$ 37,400,000	\$ 1,900,000	\$ 39,300,000	125.95	\$ 35,000,000	\$ 2,850,000	\$ 37,850,000
4 Mos.	\$ 117,100,000	\$ 12,950,000	\$ 130,050,000		\$ 136,000,000	\$ 18,700,000	\$ 154,700,000

DATE	GROSS NEW ORDERS				CANCELLATIONS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 30,700,000	\$ 6,450,000	\$ 37,150,000		\$ 1,750,000	\$ 600,000	\$ 2,350,000
Feb.	\$ 20,300,000	\$ 1,450,000	\$ 21,750,000		\$ 1,600,000	\$ 50,000	\$ 1,650,000
Mar.	\$ 32,500,000	\$ 3,850,000	\$ 36,350,000		\$ 450,000	\$ 50,000	\$ 500,000
Apr. (p)	\$ 40,050,000	\$ 1,950,000	\$ 42,000,000		\$ 2,650,000	\$ 50,000	\$ 2,700,000
4 Mos.	\$ 123,550,000	\$ 13,700,000	\$ 137,250,000		\$ 6,450,000	\$ 750,000	\$ 7,200,000

P - Preliminary

N.M.T.B.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

June 21, 1983

press release

Contact:

Charles Pollock



7801 WESTPARK DRIVE
MCLEAN, VIRGINIA 22102
AREA CODE (703) 893-2800
TWX: 710-831-0031 NMTBA MCLN

FOR RELEASE A.M. MONDAY, June 27, 1983

McLean, VA, June 21, 1983 -- Net new orders for U.S. machine tools gained 14% in May compared to the previous month, according to data released today by the National Machine Tool Builders' Association. The monthly order total of \$135,450,000 also represented a 28% increase over May of a year ago. However, industry shipments continued to decline, dropping 10% from April to \$135,850,000.

Year to date, orders for metal-cutting and metal-forming machine tools were reported down 26% compared to the first five months of 1982 at \$568,850,000, while shipments were off 56% at \$774,100,000.

"The machine tool industry is still a long way from recovery," said Association President James A. Gray. "While it is encouraging to see new orders on the upturn, we're suffering the full impact of plummeting shipments from last year's lack of orders."

(over)

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6/28/83
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"Also encouraging," Gray said, "is the current strong performance of the economy. But since our industry lags several months behind others when business does pick up, we may not feel the full effect for some time -- and that assumes the recovery keeps going."

For the month of May, metal-cutting machine tool orders rose 18% to a level of \$93,750,000. Shipments in the category declined 13% to a total of \$98,800,000.

Net new orders in the metal-forming category rose 6% for the month, totaling \$41,700,000, while shipments of metal-forming machine tools dropped 2% at \$37,050,000 for the period.

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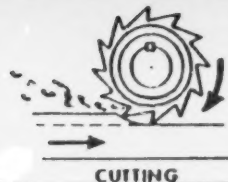
COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS (Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
May 1983	88,350	5,400	93,750	37,900	3,800	41,700	126,250	9,200	135,450
April 1983	73,650	5,600	79,250	37,400	1,900	39,300	111,050	7,500	118,550
% Change									
May 1983:Apr. 1983	+20.0	-3.6	+18.3	+1.3	+100.0	+6.1	+13.7	+22.7	+14.3
May 1982	53,750	14,250	68,000	27,400	10,550	37,950	81,150	24,800	105,950
% Change									
May 1983:May 1982	+64.4	-62.1	+37.9	+38.3	-64.0	+9.9	+55.6	-62.9	+27.8
Year To Date 1983	367,850	29,250	397,100	155,000	16,750	171,750	522,850	46,000	568,850
Year To Date 1982	489,700	78,250	567,950	161,250	34,350	195,600	650,950	112,600	763,550
% Change									
1983 : 1982	-24.9	-62.6	-30.1	-3.9	-51.2	-12.2	-19.7	-59.1	-25.5

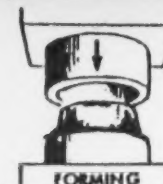
SHIPMENTS -- MACHINE TOOLS (Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
May 1983	88,600	10,200	98,800	35,050	2,000	37,050	123,650	12,200	135,850
April 1983	100,550	12,400	112,950	35,000	2,850	37,850	135,550	15,250	150,800
% Change									
May 1983:Apr. 1983	-11.9	-17.7	-12.5	+0.1	-29.8	-2.1	-8.8	-20.0	-9.9
May 1982	224,150	22,450	246,600	44,900	4,350	49,250	269,050	26,800	295,850
% Change									
May 1983:May 1982	-60.5	-54.6	-59.9	-21.9	-54.0	-24.8	-54.0	-54.5	-54.1
Year To Date 1983	518,950	63,400	582,350	171,050	20,700	191,750	690,000	84,100	774,100
Year To Date 1982	1,300,050	119,050	1,419,100	281,450	52,950	334,400	1,581,500	172,000	1,753,500
% Change									
1983 : 1982	-60.1	-46.7	-59.0	-39.2	-60.9	-42.7	-56.4	-51.1	-55.9



CUTTING

TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog



FORMING

DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 80,300,000	\$ 11,550,000	\$ 91,850,000	1,132.60	\$ 131,450,000	\$ 21,400,000	\$ 152,850,000
Feb.	\$ 88,250,000	\$ 9,250,000	\$ 97,500,000	1,071.75	\$ 143,250,000	\$ 15,100,000	\$ 158,350,000
Mar.	\$ 117,000,000	\$ 8,500,000	\$ 125,500,000	1,021.00	\$ 156,100,000	\$ 20,150,000	\$ 176,250,000
Apr.	\$ 111,050,000	\$ 7,500,000	\$ 118,550,000	988.75	\$ 135,550,000	\$ 15,250,000	\$ 150,800,000
May (p)	\$ 126,250,000	\$ 9,200,000	\$ 135,450,000	988.35	\$ 123,650,000	\$ 12,200,000	\$ 135,850,000
5 Mos.	\$ 522,850,000	\$ 46,000,000	\$ 568,850,000		\$ 690,000,000	\$ 84,100,000	\$ 774,100,000

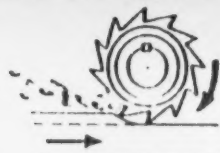
DATE	GROSS NEW ORDERS				CANCELLATIONS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 93,450,000	\$ 12,500,000	\$ 105,950,000		\$ 13,150,000	\$ 950,000	\$ 14,100,000
Feb.	\$ 98,600,000	\$ 9,900,000	\$ 108,500,000		\$ 10,350,000	\$ 650,000	\$ 11,000,000
Mar.	\$ 128,400,000	\$ 10,200,000	\$ 138,600,000		\$ 11,400,000	\$ 1,700,000	\$ 13,100,000
Apr.	\$ 128,250,000	\$ 9,250,000	\$ 137,500,000		\$ 17,200,000	\$ 1,750,000	\$ 18,950,000
May (p)	\$ 133,100,000	\$ 10,250,000	\$ 143,350,000		\$ 6,850,000	\$ 1,050,000	\$ 7,900,000
5 Mos.	\$ 581,800,000	\$ 52,100,000	\$ 633,900,000		\$ 58,950,000	\$ 6,100,000	\$ 65,050,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

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INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 51,350,000	\$ 5,700,000	\$ 57,050,000	992.65	\$ 93,400,000	\$ 14,000,000	\$ 107,400,000
Feb.	\$ 69,550,000	\$ 7,850,000	\$ 77,400,000	941.25	\$ 116,700,000	\$ 12,100,000	\$ 128,800,000
Mar.	\$ 84,950,000	\$ 4,700,000	\$ 89,650,000	896.50	\$ 119,700,000	\$ 14,700,000	\$ 134,400,000
Apr.	\$ 73,650,000	\$ 5,600,000	\$ 79,250,000	862.80	\$ 100,550,000	\$ 12,400,000	\$ 112,950,000
May (p)	\$ 88,350,000	\$ 5,400,000	\$ 93,750,000	857.75	\$ 88,600,000	\$ 10,200,000	\$ 98,800,000
5 Mos.	\$ 367,850,000	\$ 29,250,000	\$ 397,100,000		\$ 518,950,000	\$ 63,400,000	\$ 582,350,000

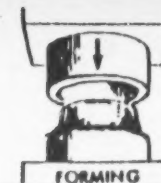
DATE	GROSS NEW ORDERS				CANCELLATIONS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 62,750,000	\$ 6,050,000	\$ 68,800,000		\$ 11,400,000	\$ 350,000	\$ 11,750,000
Feb.	\$ 78,300,000	\$ 8,450,000	\$ 86,750,000		\$ 8,750,000	\$ 600,000	\$ 9,350,000
Mar.	\$ 95,900,000	\$ 6,350,000	\$ 102,250,000		\$ 10,950,000	\$ 1,650,000	\$ 12,600,000
Apr.	\$ 88,200,000	\$ 7,300,000	\$ 95,500,000		\$ 14,550,000	\$ 1,700,000	\$ 16,250,000
May (p)	\$ 94,750,000	\$ 6,000,000	\$ 100,750,000		\$ 6,400,000	\$ 600,000	\$ 7,000,000
5 Mos.	\$ 419,900,000	\$ 34,150,000	\$ 454,050,000		\$ 52,050,000	\$ 4,900,000	\$ 56,950,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog



DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 28,950,000	\$ 5,850,000	\$ 34,800,000	139.95	\$ 38,050,000	\$ 7,400,000	\$ 45,450,000
Feb.	\$ 18,700,000	\$ 1,400,000	\$ 20,100,000	130.50	\$ 26,550,000	\$ 3,000,000	\$ 29,550,000
Mar.	\$ 32,050,000	\$ 3,800,000	\$ 35,850,000	124.50	\$ 36,400,000	\$ 5,450,000	\$ 41,850,000
Apr.	\$ 37,400,000	\$ 1,900,000	\$ 39,300,000	125.95	\$ 35,000,000	\$ 2,850,000	\$ 37,850,000
May (p)	\$ 37,900,000	\$ 3,800,000	\$ 41,700,000	130.60	\$ 35,050,000	\$ 2,000,000	\$ 37,050,000
5 Mos.	\$ 155,000,000	\$ 16,750,000	\$ 171,750,000		\$ 171,050,000	\$ 20,700,000	\$ 191,750,000

DATE	GROSS NEW ORDERS			CANCELLATIONS		
	Domestic	Foreign	Total	Domestic	Foreign	Total
1983						
Jan.	\$ 30,700,000	\$ 6,450,000	\$ 37,150,000	\$ 1,750,000	\$ 600,000	\$ 2,350,000
Feb.	\$ 20,300,000	\$ 1,450,000	\$ 21,750,000	\$ 1,600,000	\$ 50,000	\$ 1,650,000
Mar.	\$ 32,500,000	\$ 3,850,000	\$ 36,350,000	\$ 450,000	\$ 50,000	\$ 500,000
Apr.	\$ 40,050,000	\$ 1,950,000	\$ 42,000,000	\$ 2,650,000	\$ 50,000	\$ 2,700,000
May (p)	\$ 38,350,000	\$ 4,250,000	\$ 42,600,000	\$ 450,000	\$ 450,000	\$ 900,000
5 Mos.	\$ 161,900,000	\$ 17,950,000	\$ 179,850,000	\$ 6,900,000	\$ 1,200,000	\$ 8,100,000

P - Preliminary

N.M.T.B.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

BEST AVAILABLE COPY

July 19, 1983

FOR RELEASE A.M. MONDAY, July 25, 1983

press release

Contact:

Charles Pollock

McLean, VA, July 19, 1983 -- U.S. machine tool shipments declined by 56% in the first half of 1983 compared to the same period a year ago, according to data released today by the National Machine Tool Builders' Association. Net new orders for metal-cutting and metal-forming machine tools were also down sharply, 20% below the recession-impacted levels of the first half of 1982. Orders totaled \$713,950,000 and shipments were at \$957,100,000 for the first six months of the year.

Monthly orders increased by 7% in June over May totals, standing at \$145,250,000, while shipments were up 35% from the previous month at \$183,000,000. Order backlogs continued to decline in June, falling to \$950,450,000, substantially below the \$2 billion registered in June a year ago.

"With shipments below a billion dollars for the first half of the year, a 7% monthly order gain is very small consolation," said James A. Gray, President of the National Machine Tool Builders' Association. "And as long as

(over)

 national
machine
tool builders'
association

shipments continue to outstrip orders, as they did in June, the future financial health of this industry will remain very much in doubt."

Gray also pointed to the continuing decline in the industry's order backlog. "Current backlog levels are so low," Gray said, "they actually represent work-in-process on our factory floors. In other words, our industry is virtually without any inventory of parts and components and the vast majority of our companies cannot afford to keep any."

"The irony," said Gray, "is that if machine tool demand surged upward next month, we wouldn't be able to respond quickly enough and our Japanese competitors, with large machine tool inventories warehoused in the U.S., would leap into the breach."

For the month of June, metal-cutting machine tool orders were up 3% to \$96,450,000. Shipments in the category increased by 48%, totaling \$145,750,000. For the first half of 1983, metal-cutting orders declined 25% to \$493,400,000, while shipments dropped 58% to a total of \$728,100,000.

Net new orders in the metal-forming category rose 17% for the month, totaling \$48,800,000, while shipments of metal-forming machine tools increased 0.5% to \$37,250,000 for the period. For the six months, orders fell 4% to \$220,550,000 and shipments dropped 45% to \$229,000,000 in the metal-forming category.

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COMPARISON CHART

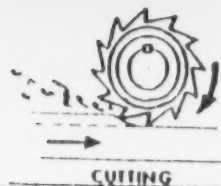
-2-

NET NEW ORDERS -- MACHINE TOOLS
(Thousands of Dollars)

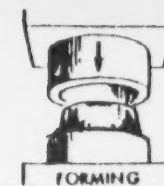
	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
June 1983	88,450	8,000	96,450	41,100	7,700	48,800	129,550	15,700	145,250
May 1983	88,200	5,400	93,600	37,900	3,800	41,700	126,100	9,200	135,300
% Change									
June 1983:May 1983	+0.3	+48.1	+3.0	+8.4	+132.6	+17.0	+2.7	+70.7	+7.4
June 1982	55,150	36,500	91,650	29,250	5,000	34,250	84,400	41,500	125,900
% Change									
June 1983:June 1982	+60.4	-78.1	+5.2	+40.5	+54.0	+42.5	+53.5	-62.2	+15.4
Year To Date 1983	456,150	37,250	493,400	196,100	24,450	220,550	652,250	61,700	713,950
Year To Date 1982	544,850	114,750	659,600	190,500	39,350	229,850	735,350	154,100	889,450
% Change									
1983 : 1982	-16.3	-67.5	-25.2	+2.9	-37.9	-4.0	-11.3	-60.0	-19.7

SHIPMENTS -- MACHINE TOOLS
(Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
June 1983	119,050	26,700	145,750	33,100	4,150	37,250	152,150	30,850	183,000
May 1983	88,600	10,200	98,800	35,050	2,000	37,050	123,650	12,200	135,850
% Change									
June 1983:May 1983	+34.4	+161.8	+47.5	-5.6	+107.5	+0.5	+23.0	+152.9	+34.7
June 1982	296,550	28,050	324,600	75,350	9,200	84,550	371,900	37,250	409,150
% Change									
June 1983:June 1982	-59.9	-4.8	-55.1	-56.1	-54.9	-55.9	-59.1	-17.2	-55.3
Year To Date 1983	638,000	90,100	728,100	204,150	24,850	229,000	842,150	114,950	957,100
Year To Date 1982	1,596,600	147,100	1,743,700	356,800	62,150	418,950	1,953,400	209,250	2,162,650
% Change									
1983 : 1982	-60.0	-38.7	-58.2	-42.8	-60.0	-45.3	-56.9	-45.1	-55.7



TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog



-3-

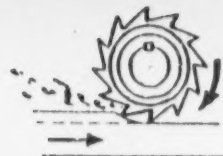
DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 80,300,000	\$ 11,550,000	\$ 91,850,000	1,132.60	\$ 131,450,000	\$ 21,400,000	\$ 152,850,000
Feb.	\$ 88,250,000	\$ 9,250,000	\$ 97,500,000	1,071.75	\$ 143,250,000	\$ 15,100,000	\$ 158,350,000
Mar.	\$ 117,000,000	\$ 8,500,000	\$ 125,500,000	1,021.00	\$ 156,100,000	\$ 20,150,000	\$ 176,250,000
Apr.	\$ 111,050,000	\$ 7,500,000	\$ 118,550,000	988.75	\$ 135,550,000	\$ 15,250,000	\$ 150,800,000
May	\$ 126,100,000	\$ 9,200,000	\$ 135,300,000	988.20	\$ 123,650,000	\$ 12,200,000	\$ 135,850,000
June (p)	\$ 129,550,000	\$ 15,700,000	\$ 145,250,000	950.45	\$ 152,150,000	\$ 30,850,000	\$ 183,000,000
6 Mos.	\$ 652,250,000	\$ 61,700,000	\$ 713,950,000		\$ 842,150,000	\$ 114,950,000	\$ 957,100,000

DATE	GROSS NEW ORDERS			CANCELLATIONS		
	Domestic	Foreign	Total	Domestic	Foreign	Total
1983						
Jan.	\$ 93,450,000	\$ 12,500,000	\$ 105,950,000	\$ 13,150,000	\$ 950,000	\$ 14,100,000
Feb.	\$ 98,600,000	\$ 9,900,000	\$ 108,500,000	\$ 10,350,000	\$ 650,000	\$ 11,000,000
Mar.	\$ 128,400,000	\$ 10,200,000	\$ 138,600,000	\$ 11,400,000	\$ 1,700,000	\$ 13,100,000
Apr.	\$ 128,250,000	\$ 9,250,000	\$ 137,500,000	\$ 17,200,000	\$ 1,750,000	\$ 18,950,000
May	\$ 133,100,000	\$ 10,250,000	\$ 143,350,000	\$ 7,000,000	\$ 1,050,000	\$ 8,050,000
June (p)	\$ 186,950,000	\$ 16,450,000	\$ 203,400,000	\$ 57,400,000	\$ 750,000	\$ 58,150,000
6 Mos.	\$ 768,750,000	\$ 68,550,000	\$ 837,300,000	\$ 116,500,000	\$ 6,850,000	\$ 123,350,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

-4-

DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 51,350,000	\$ 5,700,000	\$ 57,050,000	992.65	\$ 93,400,000	\$ 14,000,000	\$ 107,400,000
Feb.	\$ 69,550,000	\$ 7,850,000	\$ 77,400,000	941.25	\$ 116,700,000	\$ 12,100,000	\$ 128,800,000
Mar.	\$ 84,950,000	\$ 4,700,000	\$ 89,650,000	896.50	\$ 119,700,000	\$ 14,700,000	\$ 134,400,000
Apr.	\$ 73,650,000	\$ 5,600,000	\$ 79,250,000	862.80	\$ 100,550,000	\$ 12,400,000	\$ 112,950,000
May	\$ 88,200,000	\$ 5,400,000	\$ 93,600,000	857.60	\$ 88,600,000	\$ 10,200,000	\$ 98,800,000
June (p)	\$ 88,450,000	\$ 8,000,000	\$ 96,450,000	808.30	\$ 119,050,000	\$ 26,700,000	\$ 145,750,000
6 Mos.	\$ 456,150,000	\$ 37,250,000	\$ 493,400,000		\$ 638,000,000	\$ 90,100,000	\$ 728,100,000

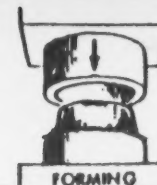
DATE	GROSS NEW ORDERS			CANCELLATIONS		
	Domestic	Foreign	Total	Domestic	Foreign	Total
1983						
Jan.	\$ 62,750,000	\$ 6,050,000	\$ 68,800,000	\$ 11,400,000	\$ 350,000	\$ 11,750,000
Feb.	\$ 78,300,000	\$ 8,450,000	\$ 86,750,000	\$ 8,750,000	\$ 600,000	\$ 9,350,000
Mar.	\$ 95,900,000	\$ 6,350,000	\$ 102,250,000	\$ 10,950,000	\$ 1,650,000	\$ 12,600,000
Apr.	\$ 88,200,000	\$ 7,300,000	\$ 95,500,000	\$ 14,550,000	\$ 1,700,000	\$ 16,250,000
May	\$ 94,750,000	\$ 6,000,000	\$ 100,750,000	\$ 6,550,000	\$ 600,000	\$ 7,150,000
June (p)	\$ 145,800,000	\$ 8,600,000	\$ 154,400,000	\$ 57,350,000	\$ 600,000	\$ 57,950,000
6 Mos.	\$ 565,700,000	\$ 42,750,000	\$ 608,450,000	\$ 109,550,000	\$ 5,500,000	\$ 115,050,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog



-5-

DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 28,950,000	\$ 5,850,000	\$ 34,800,000	139.95	\$ 38,050,000	\$ 7,400,000	\$ 45,450,000
Feb.	\$ 18,700,000	\$ 1,400,000	\$ 20,100,000	130.50	\$ 26,550,000	\$ 3,000,000	\$ 29,550,000
Mar.	\$ 32,050,000	\$ 3,800,000	\$ 35,850,000	124.50	\$ 36,400,000	\$ 5,450,000	\$ 41,850,000
Apr.	\$ 37,400,000	\$ 1,900,000	\$ 39,300,000	125.95	\$ 35,000,000	\$ 2,850,000	\$ 37,850,000
May	\$ 37,900,000	\$ 3,800,000	\$ 41,700,000	130.60	\$ 35,050,000	\$ 2,000,000	\$ 37,050,000
June (p)	\$ 41,100,000	\$ 7,700,000	\$ 48,800,000	142.15	\$ 33,100,000	\$ 4,150,000	\$ 37,250,000
6 Mos.	\$ 196,100,000	\$ 24,450,000	\$ 220,550,000		\$ 204,150,000	\$ 24,850,000	\$ 229,000,000

DATE	GROSS NEW ORDERS				CANCELLATIONS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 30,700,000	\$ 6,450,000	\$ 37,150,000		\$ 1,750,000	\$ 600,000	\$ 2,350,000
Feb.	\$ 20,300,000	\$ 1,450,000	\$ 21,750,000		\$ 1,600,000	\$ 50,000	\$ 1,650,000
Mar.	\$ 32,500,000	\$ 3,850,000	\$ 36,350,000		\$ 450,000	\$ 50,000	\$ 500,000
Apr.	\$ 40,050,000	\$ 1,950,000	\$ 42,000,000		\$ 2,650,000	\$ 50,000	\$ 2,700,000
May	\$ 38,350,000	\$ 4,250,000	\$ 42,600,000		\$ 450,000	\$ 450,000	\$ 900,000
June (p)	\$ 41,150,000	\$ 7,850,000	\$ 49,000,000		\$ 50,000	\$ 150,000	\$ 200,000
6 Mos.	\$ 203,050,000	\$ 25,800,000	\$ 228,850,000		\$ 6,950,000	\$ 1,350,000	\$ 8,300,000

P - Preliminary

N.M.T.B.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

QUARTERLY AND YEARLY SHIPMENTS AND NET NEW ORDERS OF MACHINE TOOLS
(DOLLAR FIGURES IN THOUSANDS)
1978 TO DATE

CUTTING AND FORMING				CUTTING			FORMING		
DATE	SHIPMENTS		NET	SHIPMENTS		NET	SHIPMENTS		NET
	Total	Foreign	NEW ORDERS	Total	Foreign	NEW ORDERS	Total	Foreign	NEW ORDERS
1978-1	\$ 683,200	\$ 62,300	\$ 940,050	\$ 503,850	\$ 44,200	\$ 723,850	\$ 179,350	\$ 18,100	\$ 216,200
2	791,600	79,050	1,129,950	584,200	57,250	886,550	207,400	21,800	243,400
3	687,550	77,750	1,027,650	498,050	59,200	776,950	189,500	18,550	250,700
4	851,100	105,750	1,250,850	602,400	67,750	988,100	248,700	38,000	262,750
Total	\$3,013,450	\$324,850	\$4,348,500	\$2,188,500	\$228,400	\$3,375,450	\$ 824,950	\$ 96,450	\$ 973,050
1979-1	\$ 858,050	\$ 88,300	\$1,471,400	\$ 633,450	\$ 69,000	\$1,158,250	\$ 224,600	\$ 19,300	\$ 313,150
2	978,200	109,150	1,356,450	735,750	87,650	1,083,550	242,450	21,500	272,900
3	899,850	97,050	1,353,200	689,850	78,500	1,120,500	210,000	18,550	232,700
4	1,140,450	116,750	1,440,400	871,000	89,400	1,132,800	269,450	27,350	307,600
Total	\$3,876,550	\$411,250	\$5,621,450	\$2,930,050	\$324,550	\$4,495,100	\$ 946,500	\$ 86,700	\$1,126,350
1980-1	\$1,146,150	\$115,700	\$1,517,450	\$ 881,400	\$ 86,750	\$1,207,800	\$ 264,750	\$ 28,950	\$ 309,650
2	1,193,300	155,550	1,335,350	925,350	122,850	1,142,100	267,950	32,700	193,250
3	1,049,050	133,850	917,500	830,450	102,650	728,300	218,600	31,200	189,200
4	1,303,250	202,400	984,000	1,043,600	162,550	806,550	259,650	39,850	177,450
Total	\$4,691,750	\$607,500	\$4,754,300	\$3,680,800	\$474,800	\$3,884,750	\$1,010,950	\$ 132,700	\$ 869,550
1981-1	\$1,288,200	\$210,800	\$ 920,350	\$1,017,850	\$155,600	\$ 706,600	\$ 270,350	\$ 55,200	\$ 213,750
2	1,367,500	236,350	867,000	1,103,400	185,450	661,200	264,100	50,900	205,800
3	1,133,950	127,950	593,450	920,300	99,950	455,250	213,650	28,000	138,200
4	1,305,950	143,850	564,050	1,062,950	111,050	405,050	243,000	32,800	159,000
Total	\$5,095,600	\$718,950	\$2,944,850	\$4,104,500	\$552,050	\$2,228,100	\$ 991,100	\$ 166,900	\$ 716,750
1982-1	\$1,154,200	\$112,650	\$ 506,800	\$ 933,050	\$ 71,750	\$ 384,850	\$ 221,150	\$ 40,900	\$ 121,950
2	1,008,450	96,600	382,650	810,650	75,350	274,750	197,800	21,250	107,900
3	783,400	107,200	279,950	640,450	89,750	183,450	142,950	17,450	96,500
4	658,350	89,600	328,350	510,600	59,300	221,400	147,750	30,300	106,950
Total	\$3,604,400	\$406,050	\$1,497,750	\$2,894,750	\$296,150	\$1,064,450	\$ 709,650	\$ 109,900	\$ 433,300
1983-1	\$ 487,450	\$ 56,650	\$ 314,850	\$ 370,600	\$ 40,800	\$ 224,100	\$ 116,850	\$ 15,850	\$ 90,750
2P	469,650	58,300	399,100	357,500	49,300	269,300	112,150	9,000	129,800

P - Preliminary

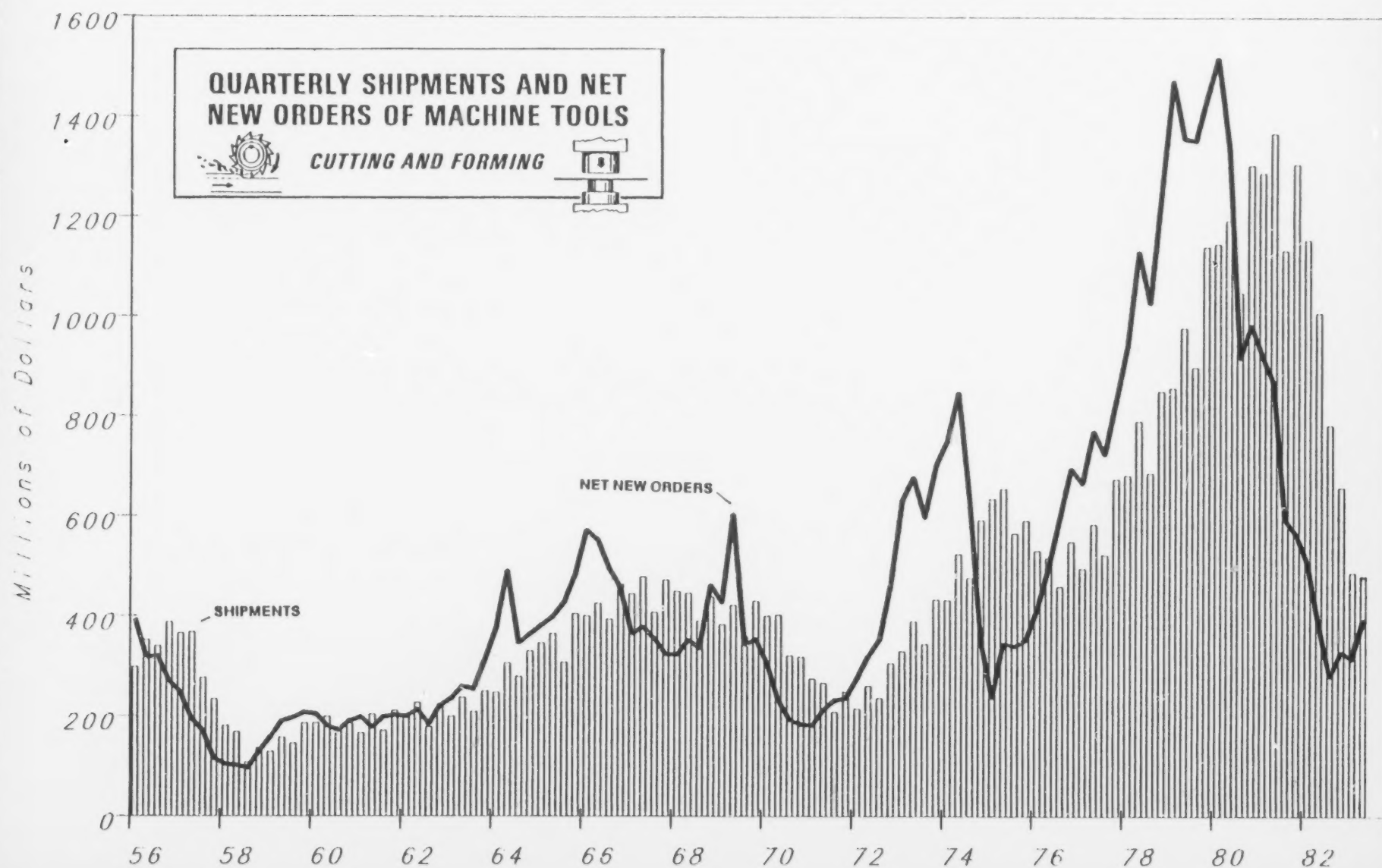
NOTE: These data series are available back to 1956. To obtain a copy of the tables for 1956 through 1982, contact:

NMTBA Statistical Department, 7901 Westpark Drive, McLean, Virginia 22102. Phone: 703:893-2900

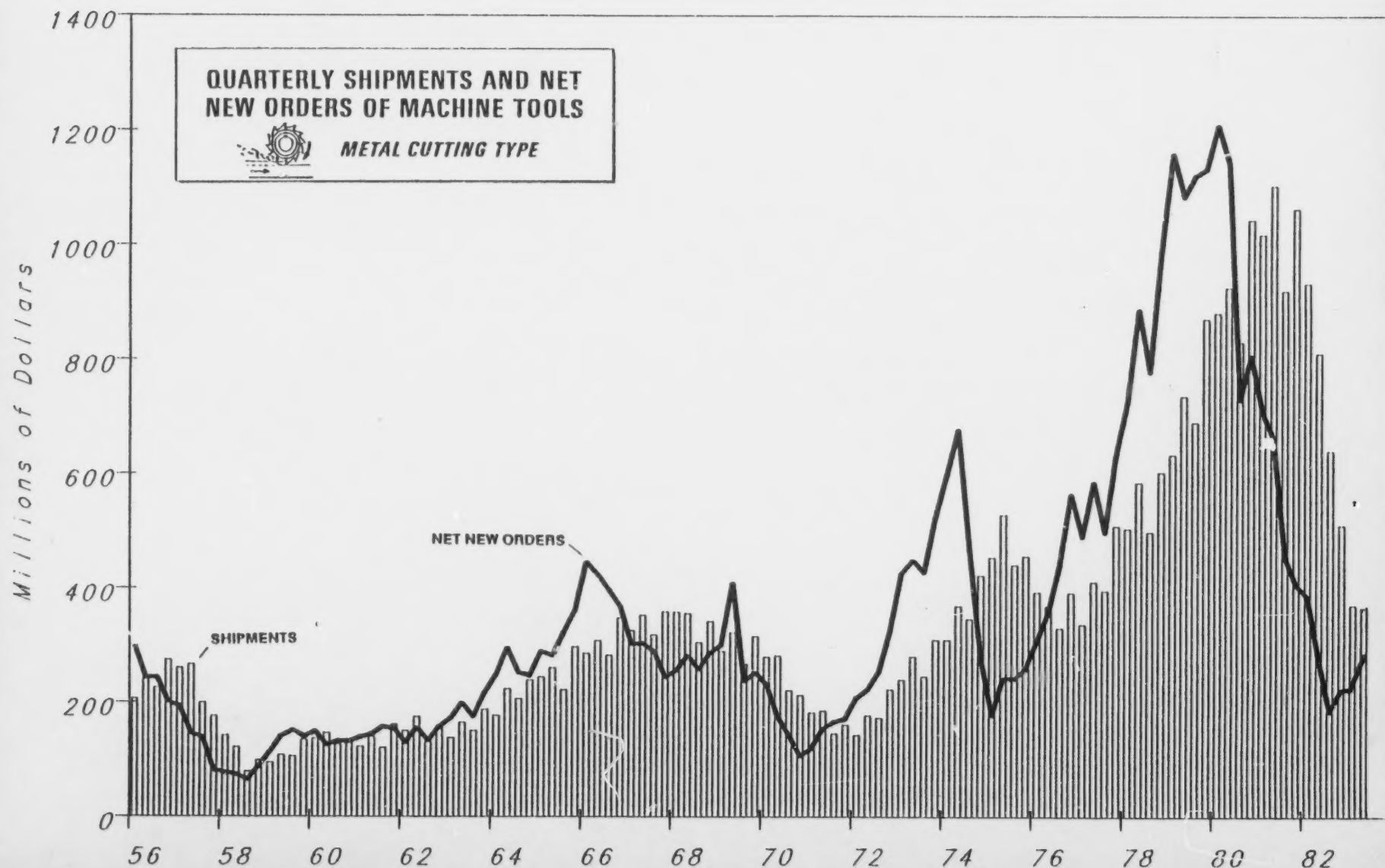
Source: National Machine Tool Builders' Association

July 25, 1983

*Total Machine Tool
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956:1 to 1983:2*

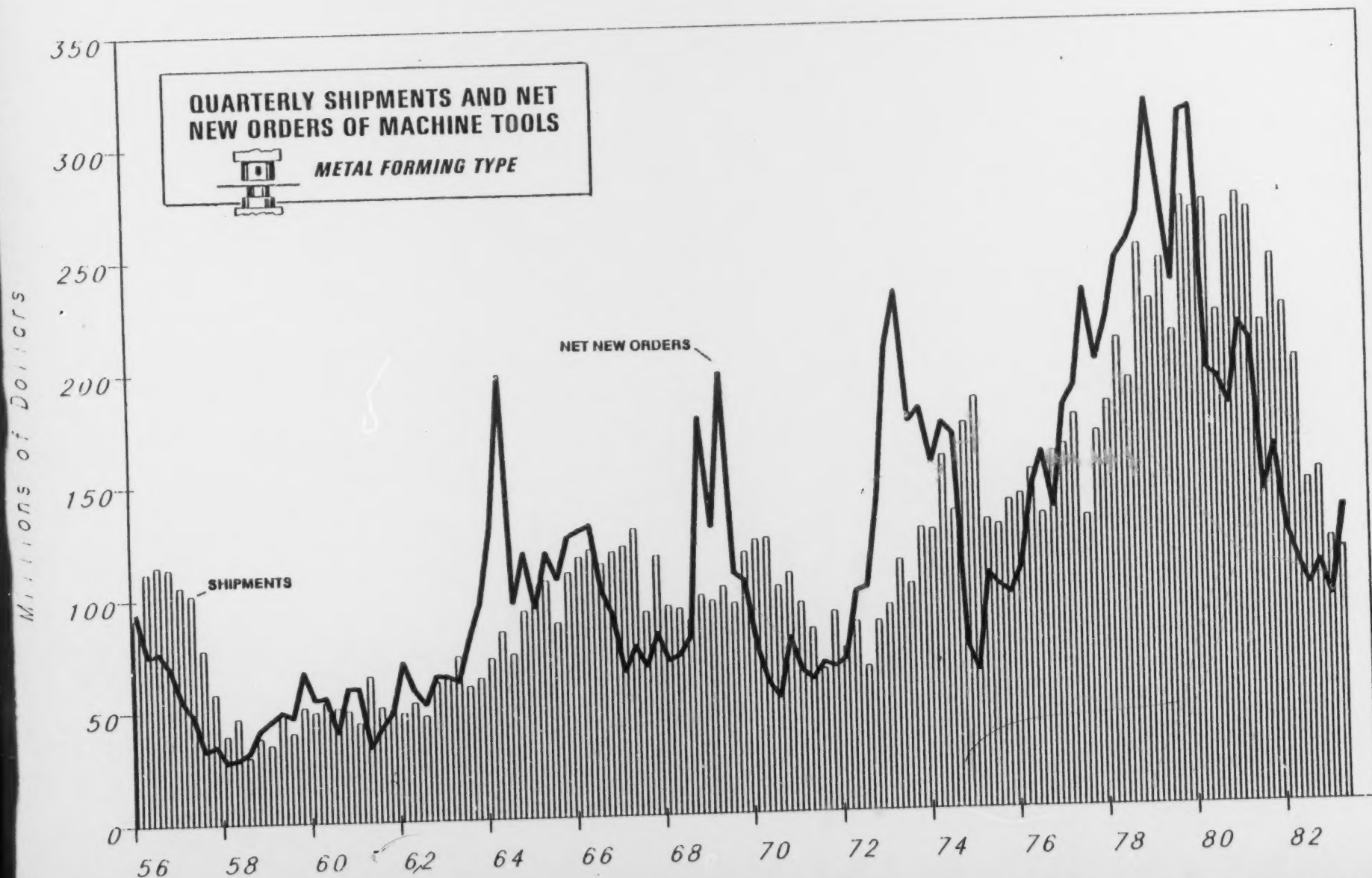


*Metal Cutting Machine Tool
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956:1 to 1983:2*



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*Metal Forming Machine Tool
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956:1 to 1983:2*



August 23, 1983

FOR RELEASE A.M. MONDAY, August 29, 1983

press release

Contact:

Charles Pollock

McLean, VA, August 23, 1983 -- Net new orders for U.S. machine tools rose 19% in July compared to the previous month, continuing an upward trend in machine tool orders, according to data released today by the National Machine Tool Builders' Association. The monthly order total of \$173,350,000 also represented a 63% increase over July of a year ago.

However, industry shipments continued to decline, dropping 40% from June to \$109,900,000.

Year to date, orders for metal-cutting and metal-forming machine tools were reported down 11% from 1982 at \$887,300,000, while shipments were off 56% at \$1,067,000,000.

"We are encouraged that an order recovery seems to be underway," said Association President James A. Gray. "It's nice to finally rise above rock bottom," Gray added, "but \$170 million in monthly orders is still only half of what we need for a healthy industry."

(over)



2801 WESTERN DRIVE
MCLEAN, VIRGINIA 22101
AREA CODE (703) 441-1510
TWX 710-511-0021 NMTBA MCLEN

Gray also noted that, "The continued steep decline in shipments, which lag behind orders by several months, still poses a serious threat to the industry. Even though July and August are normally slow shipment months, due to vacations, the extent of this month's decline (40%) is reason for concern."

"Many of our companies now have severe cash flow problems. Our biggest fear is that new orders may not translate into shipments quickly enough to rescue these ailing companies," Gray said.

For the month of July, metal-cutting machine tool orders rose 32% to a level of \$127,000,000. Shipments in the category declined 50% to a total of \$72,950,000.

Net new orders in the metal-forming category declined 5% for the month, totaling \$46,350,000, while shipments of metal-forming machine tools dropped 1% at \$36,950,000 for the period.

For the first time in 29 months the industry's backlog increased, to a level of \$1,013,900,000.

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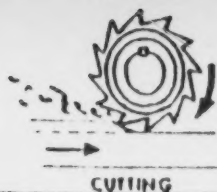
COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS (Thousands of Dollars)

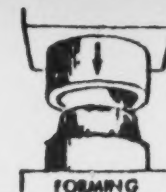
	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
July 1983	123,000	4,000	127,000	42,000	4,350	46,350	165,000	8,350	173,350
June 1983	88,450	8,000	96,450	41,100	7,700	48,800	129,550	15,700	145,250
% Change									
July 1983:June 1983	+39.1	-50.0	+31.7	+2.2	-43.5	-5.0	+27.4	-46.8	+19.3
July 1982	57,550	12,850	70,400	30,400	5,750	36,150	87,950	18,600	106,550
% Change									
July 1983:July 1982	+113.7	-68.9	+80.4	+38.2	-24.3	+28.2	+87.6	-55.1	+62.7
Year To Date 1983	579,150	41,250	620,400	238,100	28,800	266,900	817,250	70,050	887,300
Year To Date 1982	602,400	127,600	730,000	220,900	45,100	266,000	823,300	172,700	996,000
% Change									
1983 : 1982	-3.9	-67.7	-15.0	+7.8	-36.1	+0.3	-0.7	-59.4	-10.9

SHIPMENTS -- MACHINE TOOLS (Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
July 1983	61,150	11,800	72,950	31,950	5,000	36,950	93,100	16,800	109,900
June 1983	119,050	26,700	145,750	33,100	4,150	37,250	152,150	30,850	183,000
% Change									
July 1983:June 1983	-48.6	-55.8	-49.9	-3.5	+20.5	-0.8	-38.8	-45.5	-39.9
July 1982	173,750	29,800	203,550	40,650	6,150	46,800	214,400	35,950	250,350
% Change									
July 1983:July 1982	-64.8	-60.4	-64.2	-21.4	-18.7	-21.0	-56.6	-53.3	-56.1
Year To Date 1983	699,150	101,900	801,050	236,100	29,850	265,950	935,250	131,750	1,067,000
Year To Date 1982	1,770,350	176,900	1,947,250	397,450	68,300	465,750	2,167,800	245,200	2,413,000
% Change									
1983 : 1982	-60.5	-42.4	-58.9	-40.6	-56.3	-42.9	-56.9	-46.3	-55.8



TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog



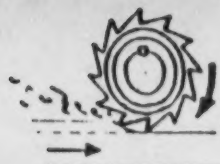
DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
<u>1983</u>							
Jan.	\$ 80,300,000	\$ 11,550,000	\$ 91,850,000	1,132.60	\$ 131,450,000	\$ 21,400,000	\$ 152,850,000
Feb.	\$ 88,250,000	\$ 9,250,000	\$ 97,500,000	1,071.75	\$ 143,250,000	\$ 15,100,000	\$ 158,350,000
Mar.	\$ 117,000,000	\$ 8,500,000	\$ 125,500,000	1,021.00	\$ 156,100,000	\$ 20,150,000	\$ 176,250,000
Apr.	\$ 111,050,000	\$ 7,500,000	\$ 118,550,000	988.75	\$ 135,550,000	\$ 15,250,000	\$ 150,800,000
May	\$ 126,100,000	\$ 9,200,000	\$ 135,300,000	988.20	\$ 123,650,000	\$ 12,200,000	\$ 135,850,000
June	\$ 129,550,000	\$ 15,700,000	\$ 145,250,000	950.45	\$ 152,150,000	\$ 30,850,000	\$ 183,000,000
July (p)	\$ 165,000,000	\$ 8,350,000	\$ 173,350,000	1,013.90	\$ 93,100,000	\$ 16,800,000	\$ 109,900,000
7 Mos.	\$ 817,250,000	\$ 70,050,000	\$ 887,300,000		\$ 935,250,000	\$ 131,750,000	\$ 1,067,000,000

DATE	GROSS NEW ORDERS			CANCELLATIONS		
	Domestic	Foreign	Total	Domestic	Foreign	Total
<u>1983</u>						
Jan.	\$ 93,450,000	\$ 12,500,000	\$ 105,950,000	\$ 13,150,000	\$ 950,000	\$ 14,100,000
Feb.	\$ 98,600,000	\$ 9,900,000	\$ 108,500,000	\$ 10,350,000	\$ 650,000	\$ 11,000,000
Mar.	\$ 128,400,000	\$ 10,200,000	\$ 138,600,000	\$ 11,400,000	\$ 1,700,000	\$ 13,100,000
Apr.	\$ 128,250,000	\$ 9,250,000	\$ 137,500,000	\$ 17,200,000	\$ 1,750,000	\$ 18,950,000
May	\$ 133,100,000	\$ 10,250,000	\$ 143,350,000	\$ 7,000,000	\$ 1,050,000	\$ 8,050,000
June	\$ 186,950,000	\$ 16,450,000	\$ 203,400,000	\$ 57,400,000	\$ 750,000	\$ 58,150,000
July (p)	\$ 169,950,000	\$ 9,200,000	\$ 179,150,000	\$ 4,950,000	\$ 850,000	\$ 5,800,000
7 Mos.	\$ 938,700,000	\$ 77,750,000	\$ 1,016,450,000	\$ 121,450,000	\$ 7,700,000	\$ 129,150,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 51,350,000	\$ 5,700,000	\$ 57,050,000	992.65	\$ 93,400,000	\$ 14,000,000	\$ 107,400,000
Feb.	\$ 69,550,000	\$ 7,850,000	\$ 77,400,000	941.25	\$ 116,700,000	\$ 12,100,000	\$ 128,800,000
Mar.	\$ 84,950,000	\$ 4,700,000	\$ 89,650,000	896.50	\$ 119,700,000	\$ 14,700,000	\$ 134,400,000
Apr.	\$ 73,650,000	\$ 5,600,000	\$ 79,250,000	862.80	\$ 100,550,000	\$ 12,400,000	\$ 112,950,000
May	\$ 88,200,000	\$ 5,400,000	\$ 93,600,000	857.60	\$ 88,600,000	\$ 10,200,000	\$ 98,800,000
June	\$ 88,450,000	\$ 8,000,000	\$ 96,450,000	808.30	\$ 119,050,000	\$ 26,700,000	\$ 145,750,000
July (p)	\$ 123,000,000	\$ 4,000,000	\$ 127,000,000	862.35	\$ 61,150,000	\$ 11,800,000	\$ 72,950,000
7 Mos.	\$ 579,150,000	\$ 41,250,000	\$ 620,400,000		\$ 699,150,000	\$101,900,000	\$ 801,050,000

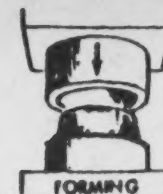
DATE	GROSS NEW ORDERS				CANCELLATIONS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 62,750,000	\$ 6,050,000	\$ 68,800,000		\$ 11,400,000	\$ 350,000	\$ 11,750,000
Feb.	\$ 78,300,000	\$ 8,450,000	\$ 86,750,000		\$ 8,750,000	\$ 600,000	\$ 9,350,000
Mar.	\$ 95,900,000	\$ 6,350,000	\$ 102,250,000		\$ 10,950,000	\$ 1,650,000	\$ 12,600,000
Apr.	\$ 88,200,000	\$ 7,300,000	\$ 95,500,000		\$ 14,550,000	\$ 1,700,000	\$ 16,250,000
May	\$ 94,750,000	\$ 6,000,000	\$ 100,750,000		\$ 6,550,000	\$ 600,000	\$ 7,150,000
June	\$ 145,800,000	\$ 8,600,000	\$ 154,400,000		\$ 57,350,000	\$ 600,000	\$ 57,950,000
July (p)	\$ 127,450,000	\$ 4,800,000	\$ 132,250,000		\$ 4,450,000	\$ 800,000	\$ 5,250,000
7 Mos.	\$ 693,150,000	\$ 47,550,000	\$ 740,700,000		\$ 114,000,000	\$ 6,300,000	\$ 120,300,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog



DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
<u>1983</u>							
Jan.	\$ 28,950,000	\$ 5,850,000	\$ 34,800,000	139.95	\$ 38,050,000	\$ 7,400,000	\$ 45,450,000
Feb.	\$ 18,700,000	\$ 1,400,000	\$ 20,100,000	130.50	\$ 26,550,000	\$ 3,000,000	\$ 29,550,000
Mar.	\$ 32,050,000	\$ 3,800,000	\$ 35,850,000	124.50	\$ 36,400,000	\$ 5,450,000	\$ 41,850,000
Apr.	\$ 37,400,000	\$ 1,900,000	\$ 39,300,000	125.95	\$ 35,000,000	\$ 2,850,000	\$ 37,850,000
May	\$ 37,900,000	\$ 3,800,000	\$ 41,700,000	130.60	\$ 35,050,000	\$ 2,000,000	\$ 37,050,000
June	\$ 41,100,000	\$ 7,700,000	\$ 48,800,000	142.15	\$ 33,100,000	\$ 4,150,000	\$ 37,250,000
July (p)	\$ 42,000,000	\$ 4,350,000	\$ 46,350,000	151.55	\$ 31,950,000	\$ 5,000,000	\$ 36,950,000
7 Mos.	\$ 238,100,000	\$ 28,800,000	\$ 266,900,000		\$ 236,100,000	\$ 29,850,000	\$ 265,950,000

DATE	GROSS NEW ORDERS				CANCELLATIONS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
<u>1983</u>							
Jan.	\$ 30,700,000	\$ 6,450,000	\$ 37,150,000		\$ 1,750,000	\$ 600,000	\$ 2,350,000
Feb.	\$ 20,300,000	\$ 1,450,000	\$ 21,750,000		\$ 1,600,000	\$ 50,000	\$ 1,650,000
Mar.	\$ 32,500,000	\$ 3,850,000	\$ 36,350,000		\$ 450,000	\$ 50,000	\$ 500,000
Apr.	\$ 40,050,000	\$ 1,950,000	\$ 42,000,000		\$ 2,650,000	\$ 50,000	\$ 2,700,000
May	\$ 38,350,000	\$ 4,250,000	\$ 42,600,000		\$ 450,000	\$ 450,000	\$ 900,000
June	\$ 41,150,000	\$ 7,850,000	\$ 49,000,000		\$ 50,000	\$ 150,000	\$ 200,000
July (p)	\$ 42,500,000	\$ 4,400,000	\$ 46,900,000		\$ 500,000	\$ 50,000	\$ 550,000
7 Mos.	\$ 245,550,000	\$ 30,200,000	\$ 275,750,000		\$ 7,450,000	\$ 1,400,000	\$ 8,850,000

P - Preliminary

N.M.T.B.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

September 20, 1983

press release

Contact:

Charles Pollock



**national
machine
tool builders'
association**

7901 WESTPARK DRIVE
MCLEAN, VIRGINIA 22102
AREA CODE (703) 893-2900
TWX 710-631-0031 NMTBA MCLN

9/27/83
H8050-1
FOR RELEASE A.M. MONDAY, September 26, 1983

McLean, VA, September 26, 1983 -- Machine tool orders, which have been growing throughout the year, declined 22% in August. However, much of this month-to-month decline may be attributable to normal summer-vacation doldrums. Year-to-year comparisons indicate a continuation of the industry's order-improvement trend as August 1983 orders were 59% higher than August 1982.

August shipments were roughly equal to July's. However, when compared to August 1982, 1983 monthly shipments were down by 56%. According to the monthly report released today by the National Machine Tool Builders' Association, net new orders for machine tools totaled \$137,250,000 during August, and shipments were valued at \$113,000,000.

"Month-to-month comparisons do not indicate the current trends in America's machine tool industry," said NMTBA President, James A. Gray, "especially since monthly totals are still at such low levels.

-over-

"During 1982 machine tool orders were generally declining, while a slow but steady recovery trend has been the rule this year. Therefore, year-to-year comparisons show the rate of order recovery, while the actual dollar-values indicate how far the recovery has to go (e.g., August 1979 net new orders totaled \$426 million versus \$137 million in 1983). For orders, the conclusion is that they are definitely recovering, but they have a long way to go for full recovery." Gray said.

"Unfortunately the other indicator of machine tool industry activity -- shipments -- tells a sadder story. With shipments down 56% from last year, (and 65% below the August 1981 level of \$325 million) disaster could be waiting in the wings for many of our companies, even though an order recovery is underway."

For the month of August, metal-cutting machine tool orders dropped 29% to a level of \$91,000,000. Shipments in the category were up 10% for a total of \$82,850,000.

Net new orders in the metal-forming category held steady for the month, totaling \$46,250,000, while shipments of metal-forming machine tools dropped 18% to \$30,150,000 for the period.

For the second month in a row, the industry's backlog enjoyed a small increase, to a level of \$1,037,450,000.

#

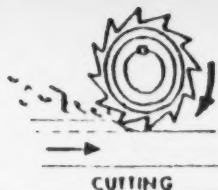
COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS (Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Aug. 1983	82,650	8,350	91,000	42,000	4,250	46,250	124,650	12,600	137,250
July 1983	124,650	4,100	128,750	42,000	4,350	46,350	166,650	8,450	175,100
% Change									
Aug. 1983:July 1983	-33.7	+103.7	-29.3	0.0	-2.3	-0.2	-25.2	+49.1	-21.6
Aug. 1982	49,250	11,200	60,450	22,700	3,350	26,050	71,950	14,550	86,500
% Change									
Aug. 1983:Aug. 1982	+67.8	-25.4	+50.5	+85.0	+26.9	+77.5	+73.2	-13.4	+58.7
Year To Date 1983	663,450	49,700	713,150	280,100	33,050	313,150	943,550	82,750	1,026,300
Year To Date 1982	651,650	138,800	790,450	243,600	48,450	292,050	895,250	187,250	1,082,500
% Change									
1983 : 1982	+1.8	-64.2	-9.8	+15.0	-31.8	+7.2	+5.4	-55.8	-5.2

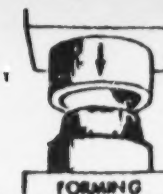
SHIPMENTS -- MACHINE TOOLS (Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Aug. 1983	72,750	10,100	82,850	28,900	1,250	30,150	101,650	11,350	113,000
July 1983	61,900	13,500	75,400	31,950	5,000	36,950	93,850	18,500	112,350
% Change									
Aug. 1983:July.1983	+17.5	-25.2	+9.9	-9.5	-75.0	-18.4	+8.3	-38.6	+0.6
Aug. 1982	184,300	28,200	212,500	38,900	5,800	44,700	223,200	34,000	257,200
% Change									
Aug. 1983:Aug. 1982	-60.5	-64.2	-61.0	-25.7	-78.4	-32.6	-54.5	-66.6	-56.1
Year To Date 1983	772,650	113,700	886,350	265,000	31,100	296,100	1,037,650	144,800	1,182,450
Year To Date 1982	1,954,650	205,100	2,159,750	436,350	74,100	510,450	2,391,000	279,200	2,670,200
% Change									
1983 : 1982	-60.5	-44.6	-59.0	-39.3	-58.0	-42.0	-56.6	-48.1	-55.7



CUTTING

TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog



FORMING

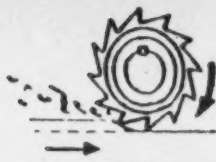
DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 80,300,000	\$ 11,550,000	\$ 91,850,000	1,132.60	\$ 131,450,000	\$ 21,400,000	\$ 152,850,000
Feb.	\$ 88,250,000	\$ 9,250,000	\$ 97,500,000	1,071.75	\$ 143,250,000	\$ 15,100,000	\$ 158,350,000
Mar.	\$ 117,000,000	\$ 8,500,000	\$ 125,500,000	1,021.00	\$ 156,100,000	\$ 20,150,000	\$ 176,250,000
Apr.	\$ 111,050,000	\$ 7,500,000	\$ 118,550,000	988.75	\$ 135,550,000	\$ 15,250,000	\$ 150,800,000
May	\$ 126,100,000	\$ 9,200,000	\$ 135,300,000	988.20	\$ 123,650,000	\$ 12,200,000	\$ 135,850,000
June	\$ 129,550,000	\$ 15,700,000	\$ 145,250,000	950.45	\$ 152,150,000	\$ 30,850,000	\$ 183,000,000
July	\$ 166,650,000	\$ 8,450,000	\$ 175,100,000	1,013.20	\$ 93,850,000	\$ 18,500,000	\$ 112,350,000
Aug. (p)	\$ 124,650,000	\$ 12,600,000	\$ 137,250,000	1,037.45	\$ 101,650,000	\$ 11,350,000	\$ 113,000,000
8 Mos.	\$ 943,550,000	\$ 82,750,000	\$1,026,300,000		\$1,037,650,000	\$ 144,800,000	\$1,182,450,000

DATE	GROSS NEW ORDERS			CANCELLATIONS		
	Domestic	Foreign	Total	Domestic	Foreign	Total
1983						
Jan.	\$ 93,450,000	\$ 12,500,000	\$ 105,950,000	\$ 13,150,000	\$ 950,000	\$ 14,100,000
Feb.	\$ 98,600,000	\$ 9,900,000	\$ 108,500,000	\$ 10,350,000	\$ 650,000	\$ 11,000,000
Mar.	\$ 128,400,000	\$ 10,200,000	\$ 138,600,000	\$ 11,400,000	\$ 1,700,000	\$ 13,100,000
Apr.	\$ 128,250,000	\$ 9,250,000	\$ 137,500,000	\$ 17,200,000	\$ 1,750,000	\$ 18,950,000
May	\$ 133,100,000	\$ 10,250,000	\$ 143,350,000	\$ 7,000,000	\$ 1,050,000	\$ 8,050,000
June	\$ 186,950,000	\$ 16,450,000	\$ 203,400,000	\$ 57,400,000	\$ 750,000	\$ 58,150,000
July	\$ 171,850,000	\$ 9,300,000	\$ 181,150,000	\$ 5,200,000	\$ 850,000	\$ 6,050,000
Aug. (p)	\$ 140,800,000	\$ 13,200,000	\$ 154,000,000	\$ 16,150,000	\$ 600,000	\$ 16,750,000
8 Mos.	\$1,081,400,000	\$ 91,050,000	\$1,172,450,000	\$ 137,850,000	\$ 8,300,000	\$ 146,150,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 51,350,000	\$ 5,700,000	\$ 57,050,000	992.65	\$ 93,400,000	\$ 14,000,000	\$ 107,400,000
Feb.	\$ 69,550,000	\$ 7,850,000	\$ 77,400,000	941.25	\$ 116,700,000	\$ 12,100,000	\$ 128,800,000
Mar.	\$ 84,950,000	\$ 4,700,000	\$ 89,650,000	896.50	\$ 119,700,000	\$ 14,700,000	\$ 134,400,000
Apr.	\$ 73,650,000	\$ 5,600,000	\$ 79,250,000	862.80	\$ 100,550,000	\$ 12,400,000	\$ 112,950,000
May	\$ 88,200,000	\$ 5,400,000	\$ 93,600,000	857.60	\$ 88,600,000	\$ 10,200,000	\$ 98,800,000
June	\$ 88,450,000	\$ 8,000,000	\$ 96,450,000	808.30	\$ 119,050,000	\$ 26,700,000	\$ 145,750,000
July	\$ 124,650,000	\$ 4,100,000	\$ 128,750,000	861.65	\$ 61,900,000	\$ 13,500,000	\$ 75,400,000
Aug. (p)	\$ 82,650,000	\$ 8,350,000	\$ 91,000,000	869.80	\$ 72,750,000	\$ 10,100,000	\$ 82,850,000
8 Mos.	\$ 663,450,000	\$ 49,700,000	\$ 713,150,000		\$ 772,650,000	\$113,700,000	\$ 886,350,000

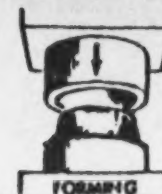
DATE	GROSS NEW ORDERS				CANCELLATIONS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 62,750,000	\$ 6,050,000	\$ 68,800,000		\$ 11,400,000	\$ 350,000	\$ 11,750,000
Feb.	\$ 78,300,000	\$ 8,450,000	\$ 86,750,000		\$ 8,750,000	\$ 600,000	\$ 9,350,000
Mar.	\$ 95,900,000	\$ 6,350,000	\$ 102,250,000		\$ 10,950,000	\$ 1,650,000	\$ 12,600,000
Apr.	\$ 88,200,000	\$ 7,300,000	\$ 95,500,000		\$ 14,550,000	\$ 1,700,000	\$ 16,250,000
May	\$ 94,750,000	\$ 6,000,000	\$ 100,750,000		\$ 6,550,000	\$ 600,000	\$ 7,150,000
June	\$ 145,800,000	\$ 8,600,000	\$ 154,400,000		\$ 57,350,000	\$ 600,000	\$ 57,950,000
July	\$ 129,350,000	\$ 4,900,000	\$ 134,250,000		\$ 4,700,000	\$ 800,000	\$ 5,500,000
Aug. (p)	\$ 98,000,000	\$ 8,650,000	\$ 106,650,000		\$ 15,350,000	\$ 300,000	\$ 15,650,000
8 Mos.	\$ 793,050,000	\$ 56,300,000	\$ 849,350,000		\$ 129,600,000	\$ 6,600,000	\$ 136,200,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog



DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
<u>1983</u>							
Jan.	\$ 28,950,000	\$ 5,850,000	\$ 34,800,000	139.95	\$ 38,050,000	\$ 7,400,000	\$ 45,450,000
Feb.	\$ 18,700,000	\$ 1,400,000	\$ 20,100,000	130.50	\$ 26,550,000	\$ 3,000,000	\$ 29,550,000
Mar.	\$ 32,050,000	\$ 3,800,000	\$ 35,850,000	124.50	\$ 36,400,000	\$ 5,450,000	\$ 41,850,000
Apr.	\$ 37,400,000	\$ 1,900,000	\$ 39,300,000	125.95	\$ 35,000,000	\$ 2,850,000	\$ 37,850,000
May	\$ 37,900,000	\$ 3,800,000	\$ 41,700,000	130.60	\$ 35,050,000	\$ 2,000,000	\$ 37,050,000
June	\$ 41,100,000	\$ 7,700,000	\$ 48,800,000	142.15	\$ 33,100,000	\$ 4,150,000	\$ 37,250,000
July	\$ 42,000,000	\$ 4,350,000	\$ 46,350,000	151.55	\$ 31,950,000	\$ 5,000,000	\$ 36,950,000
Aug. (p)	\$ 42,000,000	\$ 4,250,000	\$ 46,250,000	167.65	\$ 28,900,000	\$ 1,250,000	\$ 30,150,000
8 Mos.	\$ 280,100,000	\$ 33,050,000	\$ 313,150,000		\$ 265,000,000	\$ 31,100,000	\$ 296,100,000

DATE	GROSS NEW ORDERS			CANCELLATIONS		
	Domestic	Foreign	Total	Domestic	Foreign	Total
<u>1983</u>						
Jan.	\$ 30,700,000	\$ 6,450,000	\$ 37,150,000	\$ 1,750,000	\$ 600,000	\$ 2,350,000
Feb.	\$ 20,300,000	\$ 1,450,000	\$ 21,750,000	\$ 1,600,000	\$ 50,000	\$ 1,650,000
Mar.	\$ 32,500,000	\$ 3,850,000	\$ 36,350,000	\$ 450,000	\$ 50,000	\$ 500,000
Apr.	\$ 40,050,000	\$ 1,950,000	\$ 42,000,000	\$ 2,650,000	\$ 50,000	\$ 2,700,000
May	\$ 38,350,000	\$ 4,250,000	\$ 42,600,000	\$ 450,000	\$ 450,000	\$ 900,000
June	\$ 41,150,000	\$ 7,850,000	\$ 49,000,000	\$ 50,000	\$ 150,000	\$ 200,000
July	\$ 42,500,000	\$ 4,400,000	\$ 46,900,000	\$ 500,000	\$ 50,000	\$ 550,000
Aug. (p)	\$ 42,800,000	\$ 4,550,000	\$ 47,350,000	\$ 800,000	\$ 300,000	\$ 1,100,000
8 Mos.	\$ 288,350,000	\$ 34,750,000	\$ 323,100,000	\$ 8,250,000	\$ 1,700,000	\$ 9,950,000

P - Preliminary

N.M.T.B.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

10/31/83
A9050-1

October 24, 1983

FOR RELEASE A.M. MONDAY, October 31, 1983

press release

Contact:

Charles Pollock

McLean, VA, October 31, 1983 -- Net new orders for machine tools totaling \$1,182,300,000 rose a slight 1% for the first nine months of 1983, compared to the same period in 1982; while industry shipments of \$1,316,850,000 were off 55% for the first three quarters of the year based on data compiled by the National Machine Tool Builders' Association (NMTBA).

For the month of September, however, net new orders totaled \$156,000,000 representing an 80% gain from September of 1982, and a 14% increase over the August order rate. Shipments during the month were up 19% from August levels to a total value of \$134,400,000. However, this shipment level was 51% below that of September 1982.

"Although modest, a recovery seems to be firmly established in the machine tool industry," according to NMTBA President, James A. Gray.

"However, while the order trend continues to rise,

-over-



7801 WESTPARK DRIVE
MCLEAN, VIRGINIA 22102
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shipments remain especially weak," Gray warned, "and this presents a severe and very immediate problem for many companies in our industry."

Gray also pointed to the 7.9% GNP increase in the third quarter as a positive indicator for the industry, adding that, "if inflation stays under control and interest rates don't go up dramatically, an industry recovery could be realized over the next two years. Machine tool industry forecasters predict order increases during that period," Gray added, "but nothing like the robust activity of the late 70's."

Metal-cutting machine tool orders were off 3% for the first three quarters, to a level of \$815,800,000. For the month, metal-cutting orders totaled \$102,650,000, representing a 13% increase from August and 95% above September a year ago.

Shipments of metal-cutting type machine tools totaled \$983,150,000 for the first nine months of 1983, a 59% decline from the same period a year ago. In September, shipments totaled \$96,800,000 representing a 57% drop from last September, but 17% higher than a month ago.

Metal-forming type machine tool orders were reported up 12%, year to date, at a value of \$366,500,000. Meanwhile, September orders rose 15% to a level of \$53,350,000, a 56% gain from September of last year.

Shipments of metal-forming machine tools were off 41% for the first three quarters of the year, at a value of \$333,700,000. Although September shipments rose 25% above their August total to a value of \$37,600,000, they were off 27% compared to the same period a year ago.

At the end of September, the machine tool industry backlog totaled \$1,059,050,000.

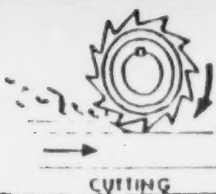
COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS (Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Sept. 1983	98,750	3,900	102,650	49,550	3,800	53,350	148,300	7,700	156,000
Aug. 1983	82,650	8,350	91,000	42,000	4,250	46,250	124,650	12,600	137,250
% Change									
Sept.1983:Aug. 1983	+19.5	-53.3	+12.8	+18.0	-10.6	+15.4	+19.0	-38.9	+13.7
Sept. 1982	47,200	5,400	52,600	30,200	4,100	34,300	77,400	9,500	86,900
% Change									
Sept.1983:Sept.1982	+109.2	-27.8	+95.2	+64.1	-7.3	+55.5	+91.6	-18.9	+79.5
Year To Date 1983	762,200	53,600	815,800	329,650	36,850	366,500	1,091,850	90,450	1,182,300
Year To Date 1982	698,850	144,200	843,050	273,800	52,550	326,350	972,650	196,750	1,169,400
% Change									
1983 : 1982	+9.1	-62.8	-3.2	+20.4	-29.9	+12.3	+12.3	-54.0	+1.1

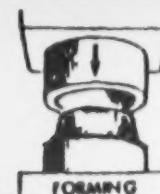
SHIPMENTS -- MACHINE TOOLS (Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Sept. 1983	88,200	8,600	96,800	33,150	4,450	37,600	121,350	13,050	134,400
Aug. 1983	72,750	10,100	82,850	28,900	1,250	30,150	101,650	11,350	113,000
% Change									
Sept.1983:Aug. 1983	+21.2	-14.9	+16.8	+14.7	+256.0	+24.7	+19.4	+15.0	+18.9
Sept. 1982	192,650	31,750	224,400	45,950	5,500	51,450	238,600	37,250	275,850
% Change									
Sept.1983:Sept.1982	-54.2	-72.9	-56.9	-27.9	-19.1	-26.9	-49.1	-65.0	-51.3
Year To Date 1983	860,850	122,300	983,150	298,150	35,550	333,700	1,159,000	157,850	1,316,850
Year To Date 1982	2,147,300	236,850	2,384,150	482,300	79,600	561,900	2,629,600	316,450	2,946,050
% Change									
1983 : 1982	-59.9	-48.4	-58.8	-38.2	-55.3	-40.6	-55.9	-50.1	-55.3



CUTTING

TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog



FORMING

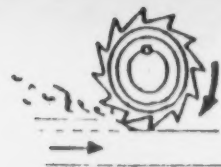
DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 80,300,000	\$ 11,550,000	\$ 91,850,000	1,132.60	\$ 131,450,000	\$ 21,400,000	\$ 152,850,000
Feb.	\$ 88,250,000	\$ 9,250,000	\$ 97,500,000	1,071.75	\$ 143,250,000	\$ 15,100,000	\$ 158,350,000
Mar.	\$ 117,000,000	\$ 8,500,000	\$ 125,500,000	1,021.00	\$ 156,100,000	\$ 20,150,000	\$ 176,250,000
Apr.	\$ 111,050,000	\$ 7,500,000	\$ 118,550,000	988.75	\$ 135,550,000	\$ 15,250,000	\$ 150,800,000
May	\$ 126,100,000	\$ 9,200,000	\$ 135,300,000	988.20	\$ 123,650,000	\$ 12,200,000	\$ 135,850,000
June	\$ 129,550,000	\$ 15,700,000	\$ 145,250,000	950.45	\$ 152,150,000	\$ 30,850,000	\$ 183,000,000
July	\$ 166,650,000	\$ 8,450,000	\$ 175,100,000	1,013.20	\$ 93,850,000	\$ 18,500,000	\$ 112,350,000
Aug.	\$ 124,650,000	\$ 12,600,000	\$ 137,250,000	1,037.45	\$ 101,650,000	\$ 11,350,000	\$ 113,000,000
Sept. (p)	\$ 148,300,000	\$ 7,700,000	\$ 156,000,000	1,059.05	\$ 121,350,000	\$ 13,050,000	\$ 134,400,000
9 Mos.	\$1,091,850,000	\$ 90,450,000	\$1,182,300,000		\$1,159,000,000	\$ 157,850,000	\$1,316,850,000

DATE	GROSS NEW ORDERS			CANCELLATIONS		
	Domestic	Foreign	Total	Domestic	Foreign	Total
1983						
Jan.	\$ 93,450,000	\$ 12,500,000	\$ 105,950,000	\$ 13,150,000	\$ 950,000	\$ 14,100,000
Feb.	\$ 98,600,000	\$ 9,900,000	\$ 108,500,000	\$ 10,350,000	\$ 650,000	\$ 11,000,000
Mar.	\$ 128,400,000	\$ 10,200,000	\$ 138,600,000	\$ 11,400,000	\$ 1,700,000	\$ 13,100,000
Apr.	\$ 128,250,000	\$ 9,250,000	\$ 137,500,000	\$ 17,200,000	\$ 1,750,000	\$ 18,950,000
May	\$ 133,100,000	\$ 10,250,000	\$ 143,350,000	\$ 7,000,000	\$ 1,050,000	\$ 8,050,000
June	\$ 186,950,000	\$ 16,450,000	\$ 203,400,000	\$ 57,400,000	\$ 750,000	\$ 58,150,000
July	\$ 171,850,000	\$ 9,300,000	\$ 181,150,000	\$ 5,200,000	\$ 850,000	\$ 6,050,000
Aug.	\$ 140,800,000	\$ 13,200,000	\$ 154,000,000	\$ 16,150,000	\$ 600,000	\$ 16,750,000
Sept. (p)	\$ 164,100,000	\$ 8,550,000	\$ 172,650,000	\$ 15,800,000	\$ 850,000	\$ 16,650,000
9 Mos.	\$1,245,500,000	\$ 99,600,000	\$1,345,100,000	\$ 153,650,000	\$ 9,150,000	\$ 162,800,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

CUTTING

DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 51,350,000	\$ 5,700,000	\$ 57,050,000	992.65	\$ 93,400,000	\$ 14,000,000	\$ 107,400,000
Feb.	\$ 69,550,000	\$ 7,850,000	\$ 77,400,000	941.25	\$ 116,700,000	\$ 12,100,000	\$ 128,800,000
Mar.	\$ 84,950,000	\$ 4,700,000	\$ 89,650,000	896.50	\$ 119,700,000	\$ 14,700,000	\$ 134,400,000
Apr.	\$ 73,650,000	\$ 5,600,000	\$ 79,250,000	862.80	\$ 100,550,000	\$ 12,400,000	\$ 112,950,000
May	\$ 88,200,000	\$ 5,400,000	\$ 93,600,000	857.60	\$ 88,600,000	\$ 10,200,000	\$ 98,800,000
June	\$ 88,450,000	\$ 8,000,000	\$ 96,450,000	808.30	\$ 119,050,000	\$ 26,700,000	\$ 145,750,000
July	\$ 124,650,000	\$ 4,100,000	\$ 128,750,000	861.65	\$ 61,900,000	\$ 13,500,000	\$ 75,400,000
Aug.	\$ 82,650,000	\$ 8,350,000	\$ 91,000,000	869.80	\$ 72,750,000	\$ 10,100,000	\$ 82,850,000
Sept. (p)	\$ 98,750,000	\$ 3,900,000	\$ 102,650,000	875.65	\$ 88,200,000	\$ 8,600,000	\$ 96,800,000
9 Mos.	\$ 762,200,000	\$ 53,600,000	\$ 815,800,000		\$ 860,850,000	\$ 122,300,000	\$ 983,150,000

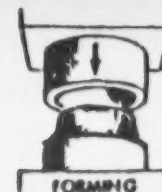
DATE	GROSS NEW ORDERS				CANCELLATIONS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 62,750,000	\$ 6,050,000	\$ 68,800,000		\$ 11,400,000	\$ 350,000	\$ 11,750,000
Feb.	\$ 78,300,000	\$ 8,450,000	\$ 86,750,000		\$ 8,750,000	\$ 600,000	\$ 9,350,000
Mar.	\$ 95,900,000	\$ 6,350,000	\$ 102,250,000		\$ 10,950,000	\$ 1,650,000	\$ 12,600,000
Apr.	\$ 88,200,000	\$ 7,300,000	\$ 95,500,000		\$ 14,550,000	\$ 1,700,000	\$ 16,250,000
May	\$ 94,750,000	\$ 6,000,000	\$ 100,750,000		\$ 6,550,000	\$ 600,000	\$ 7,150,000
June	\$ 145,800,000	\$ 8,600,000	\$ 154,400,000		\$ 57,350,000	\$ 600,000	\$ 57,950,000
July	\$ 129,350,000	\$ 4,900,000	\$ 134,250,000		\$ 4,700,000	\$ 800,000	\$ 5,500,000
Aug.	\$ 98,000,000	\$ 8,650,000	\$ 106,650,000		\$ 15,350,000	\$ 300,000	\$ 15,650,000
Sept. (p)	\$ 111,550,000	\$ 4,700,000	\$ 116,250,000		\$ 12,800,000	\$ 800,000	\$ 13,600,000
9 Mos.	\$ 904,600,000	\$ 61,000,000	\$ 965,600,000		\$ 142,400,000	\$ 7,400,000	\$ 149,800,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog



DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 28,950,000	\$ 5,850,000	\$ 34,800,000	139.95	\$ 38,050,000	\$ 7,400,000	\$ 45,450,000
Feb.	\$ 18,700,000	\$ 1,400,000	\$ 20,100,000	130.50	\$ 26,550,000	\$ 3,000,000	\$ 29,550,000
Mar.	\$ 32,050,000	\$ 3,800,000	\$ 35,850,000	124.50	\$ 36,400,000	\$ 5,450,000	\$ 41,850,000
Apr.	\$ 37,400,000	\$ 1,900,000	\$ 39,300,000	125.95	\$ 35,000,000	\$ 2,850,000	\$ 37,850,000
May	\$ 37,900,000	\$ 3,800,000	\$ 41,700,000	130.60	\$ 35,050,000	\$ 2,000,000	\$ 37,050,000
June	\$ 41,100,000	\$ 7,700,000	\$ 48,800,000	142.15	\$ 33,100,000	\$ 4,150,000	\$ 37,250,000
July	\$ 42,000,000	\$ 4,350,000	\$ 46,350,000	151.55	\$ 31,950,000	\$ 5,000,000	\$ 36,950,000
Aug.	\$ 42,000,000	\$ 4,250,000	\$ 46,250,000	167.65	\$ 28,900,000	\$ 1,250,000	\$ 30,150,000
Sept. (p)	\$ 49,550,000	\$ 3,800,000	\$ 53,350,000	183.40	\$ 33,150,000	\$ 4,450,000	\$ 37,600,000
9 Mos.	\$ 329,650,000	\$ 36,850,000	\$ 366,500,000		\$ 298,150,000	\$ 35,550,000	\$ 333,700,000

DATE	GROSS NEW ORDERS			CANCELLATIONS		
	Domestic	Foreign	Total	Domestic	Foreign	Total
1983						
Jan.	\$ 30,700,000	\$ 6,450,000	\$ 37,150,000	\$ 1,750,000	\$ 600,000	\$ 2,350,000
Feb.	\$ 20,300,000	\$ 1,450,000	\$ 21,750,000	\$ 1,600,000	\$ 50,000	\$ 1,650,000
Mar.	\$ 32,500,000	\$ 3,850,000	\$ 36,350,000	\$ 450,000	\$ 50,000	\$ 500,000
Apr.	\$ 40,050,000	\$ 1,950,000	\$ 42,000,000	\$ 2,650,000	\$ 50,000	\$ 2,700,000
May	\$ 38,350,000	\$ 4,250,000	\$ 42,600,000	\$ 450,000	\$ 450,000	\$ 900,000
June	\$ 41,150,000	\$ 7,850,000	\$ 49,000,000	\$ 50,000	\$ 150,000	\$ 200,000
July	\$ 42,500,000	\$ 4,400,000	\$ 46,900,000	\$ 500,000	\$ 50,000	\$ 550,000
Aug.	\$ 42,800,000	\$ 4,550,000	\$ 47,350,000	\$ 800,000	\$ 300,000	\$ 1,100,000
Sept. (p)	\$ 52,550,000	\$ 3,850,000	\$ 56,400,000	\$ 3,000,000	\$ 50,000	\$ 3,050,000
9 Mos.	\$ 340,900,000	\$ 38,600,000	\$ 379,500,000	\$ 11,250,000	\$ 1,750,000	\$ 13,000,000

P - Preliminary

N.M.T.B.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

QUARTERLY AND YEARLY SHIPMENTS AND NET NEW ORDERS OF MACHINE TOOLS
(DOLLAR FIGURES IN THOUSANDS)
1978 TO DATE

CUTTING AND FORMING				CUTTING			FORMING		
DATE	SHIPMENTS		NET	SHIPMENTS		NET	SHIPMENTS		NET
	Total	Foreign	NEW ORDERS	Total	Foreign	NEW ORDERS	Total	Foreign	NEW ORDERS
1978-1	\$ 683,200	\$ 62,300	\$ 940,050	\$ 503,850	\$ 44,200	\$ 723,850	\$ 179,350	\$ 18,100	\$ 216,200
2	791,600	79,050	1,129,950	584,200	57,250	886,550	207,400	21,800	243,400
3	687,550	77,750	1,027,650	498,050	59,200	776,950	189,500	18,550	250,700
4	851,100	105,750	1,250,850	602,400	67,750	988,100	248,700	38,000	262,750
Total	\$3,013,450	\$324,850	\$4,348,500	\$2,188,500	\$228,400	\$3,375,450	\$ 824,950	\$ 96,450	\$ 973,050
1979-1	\$ 858,050	\$ 88,300	\$1,471,400	\$ 633,450	\$ 69,000	\$1,158,250	\$ 224,600	\$ 19,300	\$ 313,150
2	978,200	109,150	1,356,450	735,750	87,650	1,083,550	242,450	21,500	272,900
3	899,850	97,050	1,353,200	689,850	78,500	1,120,500	210,000	18,550	232,700
4	1,140,450	116,750	1,440,400	871,000	89,400	1,132,800	269,450	27,350	307,600
Total	\$3,876,550	\$411,250	\$5,621,450	\$2,930,050	\$324,550	\$4,495,100	\$ 946,500	\$ 86,700	\$1,126,350
1980-1	\$1,146,150	\$115,700	\$1,517,450	\$ 881,400	\$ 86,750	\$1,207,800	\$ 264,750	\$ 28,950	\$ 309,650
2	1,193,300	155,550	1,335,350	925,350	122,850	1,142,100	267,950	32,700	193,250
3	1,049,050	133,850	917,500	830,450	102,650	728,300	218,600	31,200	189,200
4	1,303,250	202,400	984,000	1,043,600	162,550	806,550	259,650	39,850	177,450
Total	\$4,691,750	\$607,500	\$4,754,300	\$3,680,800	\$474,800	\$3,884,750	\$1,010,950	\$ 132,700	\$ 869,550
1981-1	\$1,288,200	\$210,800	\$ 920,350	\$1,017,850	\$155,600	\$ 706,600	\$ 270,350	\$ 55,200	\$ 213,750
2	1,367,500	236,350	867,000	1,103,400	185,450	661,200	264,100	50,900	205,800
3	1,133,950	127,950	593,450	920,300	99,950	455,250	213,650	28,000	138,200
4	1,305,950	143,850	564,050	1,062,950	111,050	405,050	243,000	32,800	159,000
Total	\$5,095,600	\$718,950	\$2,944,850	\$4,104,500	\$552,050	\$2,228,100	\$ 991,100	\$ 166,900	\$ 716,750
1982-1	\$1,154,200	\$112,650	\$ 506,800	\$ 933,050	\$ 71,750	\$ 384,850	\$ 221,150	\$ 40,900	\$ 121,950
2	1,008,450	96,600	382,450	810,650	75,350	274,750	197,800	21,250	107,900
3	783,400	107,200	279,950	640,450	89,750	183,450	142,950	17,450	96,500
4	658,350	89,600	328,350	510,600	59,300	221,400	147,750	30,300	106,950
Total	\$3,604,400	\$406,050	\$1,497,750	\$2,894,750	\$296,150	\$1,064,450	\$ 709,650	\$ 109,900	\$ 433,300
1983-1	\$ 487,450	\$ 56,650	\$ 314,850	\$ 370,600	\$ 40,800	\$ 224,100	\$ 116,850	\$ 15,850	\$ 90,750
2	469,650	58,300	399,100	357,500	49,300	269,300	112,150	9,000	129,800
3P	359,750	42,900	468,350	255,050	32,200	322,400	104,700	10,700	145,950

P - Preliminary

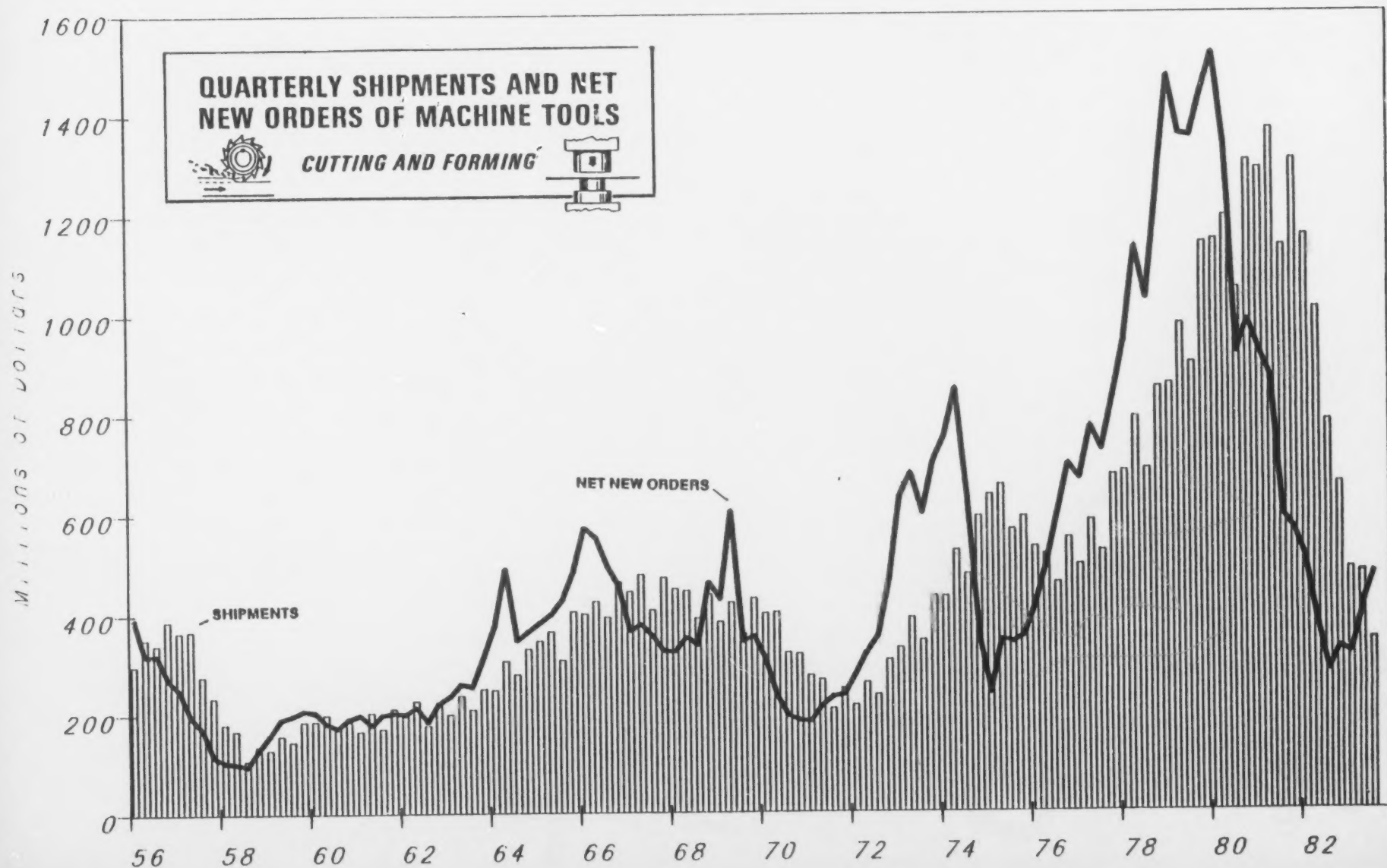
NOTE: These data series are available back to 1956. To obtain a copy of the tables for 1956 through 1982, contact:

NMTBA Statistical Department, 7901 Westpark Drive, McLean, Virginia 22102. Phone: 703:893-2900

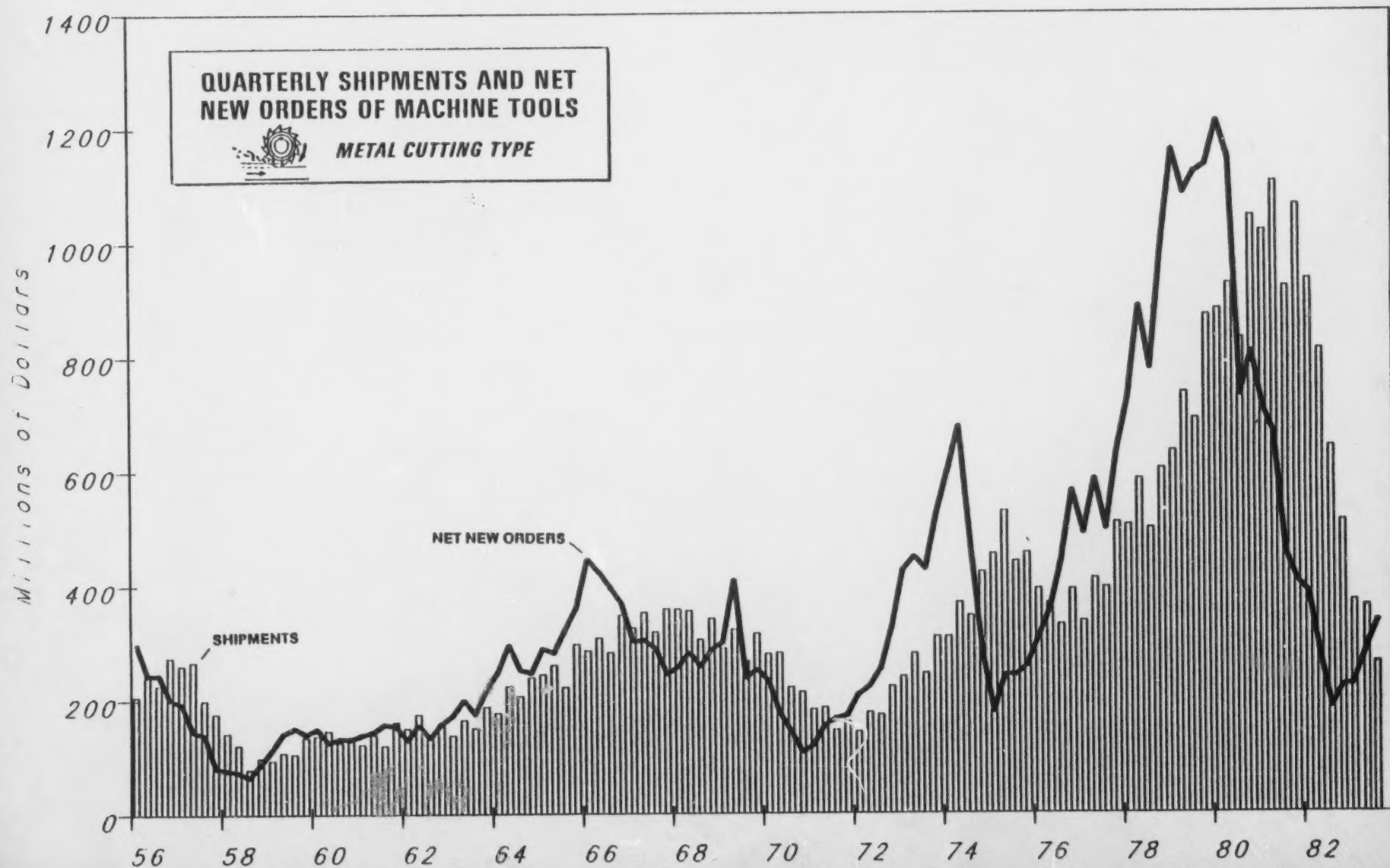
Source: National Machine Tool Builders' Association

October 31, 1983

*Total Machine Tool
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956:1 to 1983:3*



*Metal Cutting Machine Tool
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956:1 to 1983:3*



*Metal Forming Machine Tool
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956:1 to 1983:3*

